

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129146.D
 Acq On : 06 Jul 2022 16:53
 Operator : CG\JU
 Sample : N3589-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1MSD

Quant Time: Jul 06 17:43:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian
 Giraldo

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/07/2022
1) 1,4-Dichlorobenzene-d4	6.957	152	235674	20.000	ng	0.00	Supervised By : Jagrut padhyay
21) Naphthalene-d8	8.240	136	879496	20.000	ng	0.00	
39) Acenaphthene-d10	10.004	164	403598	20.000	ng	0.00	
64) Phenanthrene-d10	11.492	188	606714	20.000	ng	0.00	
76) Chrysene-d12	14.145	240	522560	20.000	ng	0.00	
86) Perylene-d12	15.674	264	740882	20.000	ng	0.00	07/07/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1241691	89.074	ng	0.00	
7) Phenol-d6	6.581	99	1217060	70.297	ng	0.00	
23) Nitrobenzene-d5	7.522	82	775632	52.602	ng	0.00	
42) 2,4,6-Tribromophenol	10.792	330	284361	64.796	ng	0.00	
45) 2-Fluorobiphenyl	9.316	172	1308320	51.859	ng	0.00	
79) Terphenyl-d14	13.080	244	1065774	42.353	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.858	88	313704	50.476	ng		87
3) Pyridine	3.640	79	774924	51.057	ng		85
4) n-Nitrosodimethylamine	3.587	42	377781	54.938	ng	#	84
6) Aniline	6.622	93	764885	39.503	ng		97
8) 2-Chlorophenol	6.740	128	664678	45.384	ng		97
9) Benzaldehyde	6.510	77	391390	54.451	ng		98
10) Phenol	6.593	94	761435	43.409	ng		92
11) bis(2-Chloroethyl)ether	6.693	93	619246	44.602	ng		89
12) 1,3-Dichlorobenzene	6.898	146	727663	45.134	ng		98
13) 1,4-Dichlorobenzene	6.975	146	738630	45.421	ng		99
14) 1,2-Dichlorobenzene	7.128	146	703754	46.037	ng		99
15) Benzyl Alcohol	7.098	79	533585	43.815	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	843742	42.549	ng		89
17) 2-Methylphenol	7.204	107	513338	43.073	ng		96
18) Hexachloroethane	7.469	117	267951	46.934	ng		91
19) n-Nitroso-di-n-propyla...	7.363	70	433195	43.254	ng		88
20) 3+4-Methylphenols	7.351	107	656801	43.338	ng	#	85
22) Acetophenone	7.363	105	885230	43.876	ng	#	95
24) Nitrobenzene	7.540	77	672176	47.115	ng		94
25) Isophorone	7.775	82	1189857	47.747	ng		99
26) 2-Nitrophenol	7.857	139	344155	51.904	ng	#	86
27) 2,4-Dimethylphenol	7.887	122	589476	49.243	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	726971	42.477	ng		97
29) 2,4-Dichlorophenol	8.092	162	517955	42.421	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	556050	41.385	ng		97
31) Naphthalene	8.263	128	1803122	45.161	ng		99
32) Benzoic acid	7.992	122	350725	36.517	ng		92
33) 4-Chloroaniline	8.310	127	391368	24.326	ng		94
34) Hexachlorobutadiene	8.375	225	352547	43.943	ng		99
35) Caprolactam	8.681	113	149415m	38.591	ng		
36) 4-Chloro-3-methylphenol	8.787	107	517902	41.748	ng		90
37) 2-Methylnaphthalene	8.957	142	1169861	43.543	ng		100
38) 1-Methylnaphthalene	9.057	142	1094876	41.964	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	535013	47.161	ng		99
41) Hexachlorocyclopentadiene	9.104	237	685863	114.535	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	341177	44.153	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.269	196	359904	43.788	ng	96	07/07/2022
46) 1,1'-Biphenyl	9.416	154	1387347	47.814	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.445	162	1022893	45.651	ng	99	
48) 2-Nitroaniline	9.539	65	294358	49.878	ng	# 83	
49) Acenaphthylene	9.863	152	1593980	46.816	ng	100	
50) Dimethylphthalate	9.716	163	1130760	44.784	ng	100	
51) 2,6-Dinitrotoluene	9.781	165	249934	48.442	ng	95	07/07/2022
52) Acenaphthene	10.034	154	1080032	48.699	ng	99	
53) 3-Nitroaniline	9.951	138	192207	31.239	ng	# 88	
54) 2,4-Dinitrophenol	10.057	184	236054	84.207	ng	# 81	
55) Dibenzofuran	10.210	168	1395078	43.200	ng	99	
56) 4-Nitrophenol	10.104	139	398334	79.236	ng	97	
57) 2,4-Dinitrotoluene	10.186	165	313167	49.166	ng	# 83	
58) Fluorene	10.551	166	1050707	42.063	ng	97	
59) 2,3,4,6-Tetrachlorophenol	10.322	232	268077	39.369	ng	100	
60) Diethylphthalate	10.416	149	1048435	41.440	ng	99	
61) 4-Chlorophenyl-phenyle...	10.539	204	508873	40.887	ng	95	
62) 4-Nitroaniline	10.569	138	234865	38.495	ng	86	
63) Azobenzene	10.704	77	986293	39.789	ng	91	
65) 4,6-Dinitro-2-methylph...	10.592	198	135438	50.458	ng	83	
66) n-Nitrosodiphenylamine	10.657	169	889443	48.271	ng	96	
67) 4-Bromophenyl-phenylether	11.033	248	303435	47.016	ng	96	
68) Hexachlorobenzene	11.098	284	329513	45.852	ng	99	
69) Atrazine	11.181	200	259970	50.139	ng	98	
70) Pentachlorophenol	11.292	266	357562	83.535	ng	98	
71) Phenanthrene	11.522	178	1334641	46.040	ng	99	
72) Anthracene	11.569	178	1332112	46.608	ng	99	
73) Carbazole	11.722	167	1188064	41.484	ng	99	
74) Di-n-butylphthalate	12.045	149	1345139	44.547	ng	99	
75) Fluoranthene	12.710	202	1392813	45.942	ng	98	
77) Benzidine	12.833	184	713694	76.701	ng	99	
78) Pyrene	12.945	202	1498496	41.370	ng	98	
80) Butylbenzylphthalate	13.551	149	568415	38.521	ng	95	
81) Benzo(a)anthracene	14.133	228	1440498	45.147	ng	99	
82) 3,3'-Dichlorobenzidine	14.092	252	414695	60.151	ng	99	
83) Chrysene	14.174	228	1349370	45.555	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.110	149	815613	41.590	ng	98	
85) Di-n-octyl phthalate	14.727	149	1474511	50.934	ng	# 94	
87) Indeno(1,2,3-cd)pyrene	17.239	276	1666002	36.664	ng	100	
88) Benzo(b)fluoranthene	15.221	252	1977778	44.388	ng	99	
89) Benzo(k)fluoranthene	15.251	252	1802034	41.698	ng	98	
90) Benzo(a)pyrene	15.610	252	1765495	48.606	ng	98	
91) Dibenzo(a,h)anthracene	17.262	278	1415189	38.205	ng	99	
92) Benzo(g,h,i)perylene	17.715	276	1332432	35.853	ng	100	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

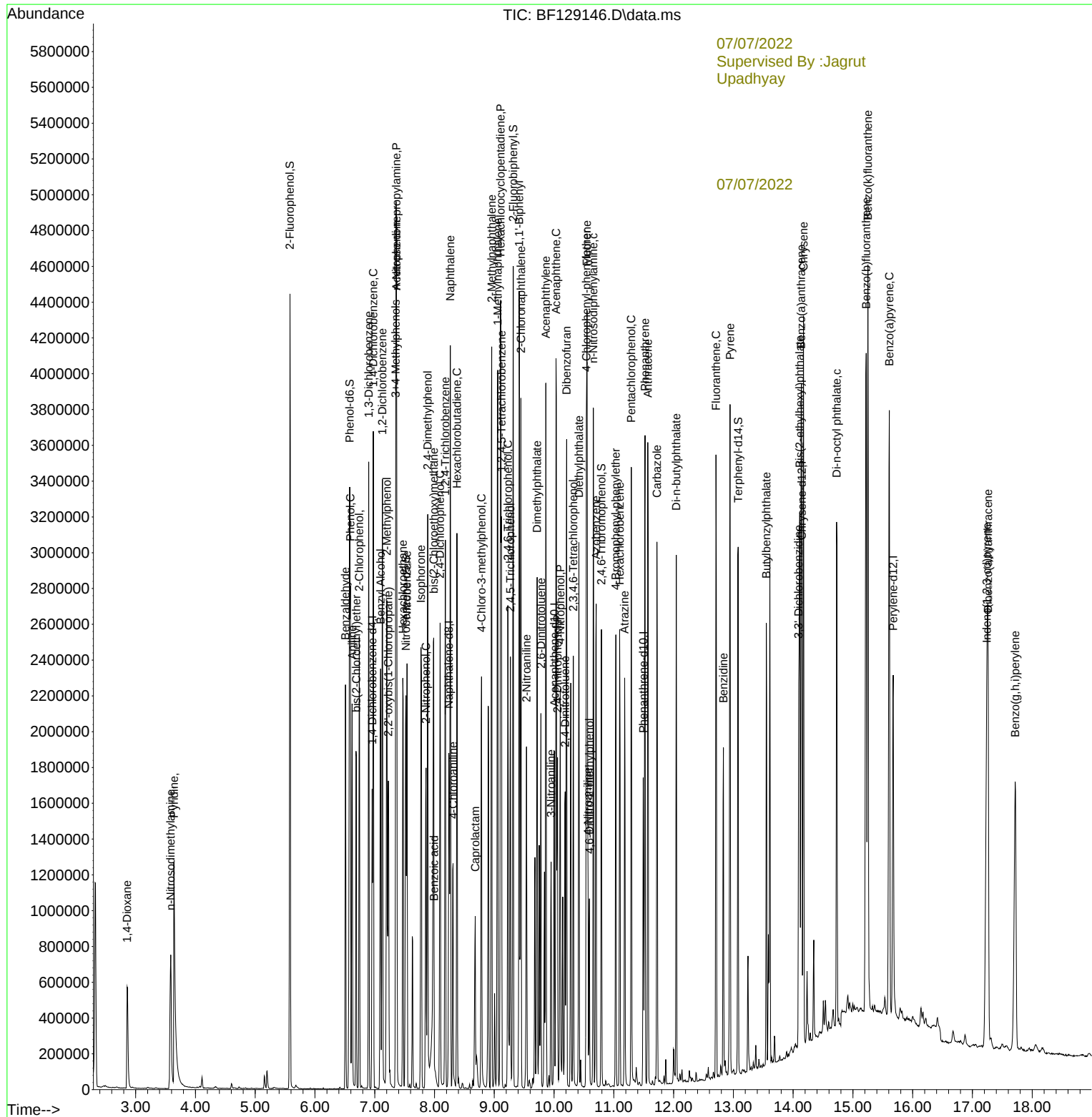
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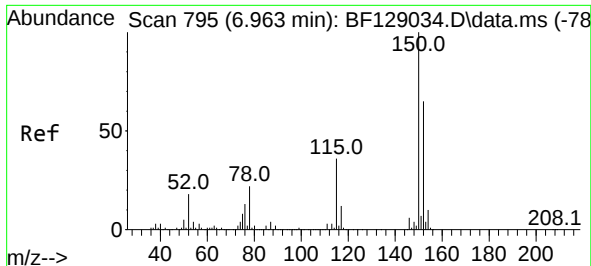
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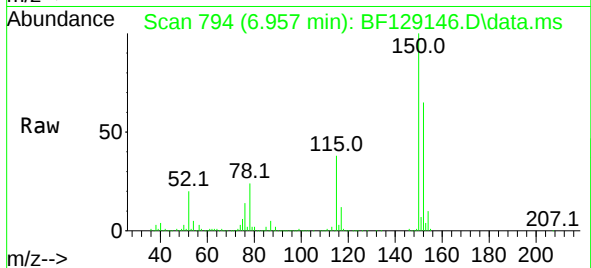
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Giraldo





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF129146.D
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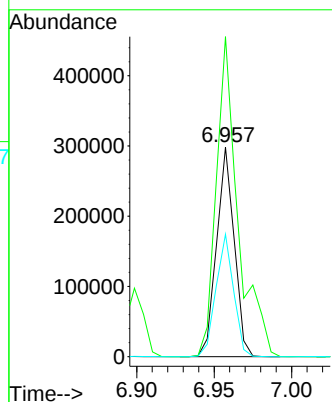
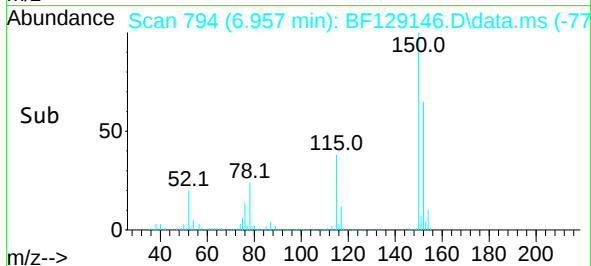
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:152 Resp: 235674
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 58.4 49.9 74.9

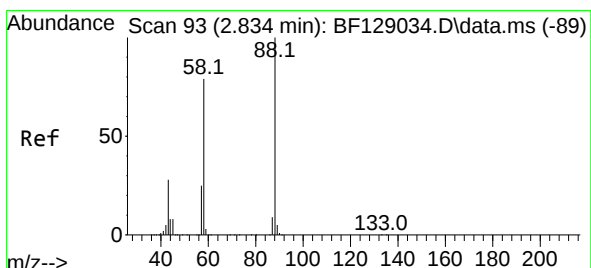
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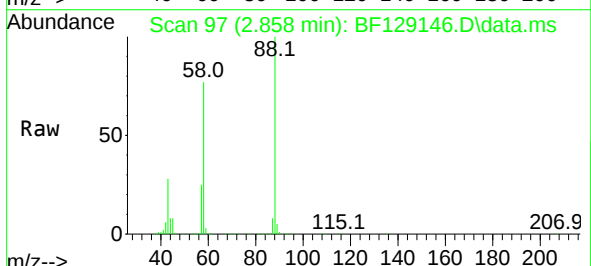


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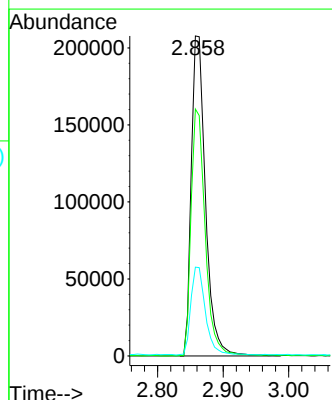
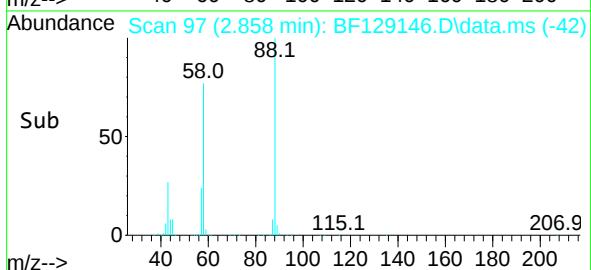
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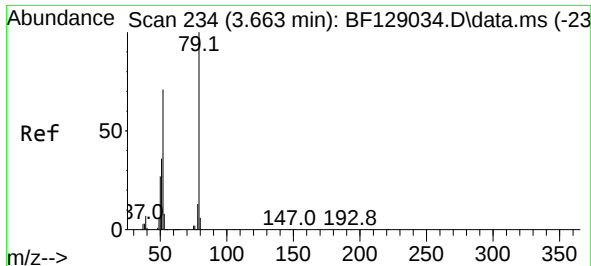


#2
1,4-Dioxane
Concen: 50.476 ng
RT: 2.858 min Scan# 97
Delta R.T. 0.024 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



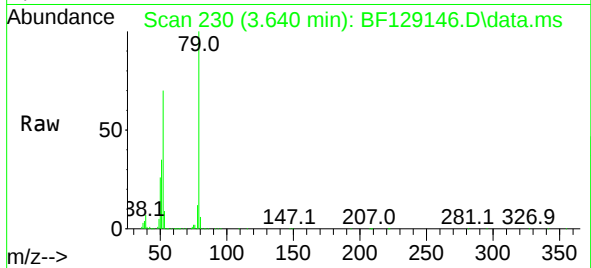
Tgt Ion: 88 Resp: 313704
Ion Ratio Lower Upper
88 100
58 76.7 71.8 107.8
43 28.1 26.6 39.8





#3
Pyridine
Concen: 51.057 ng
RT: 3.640 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

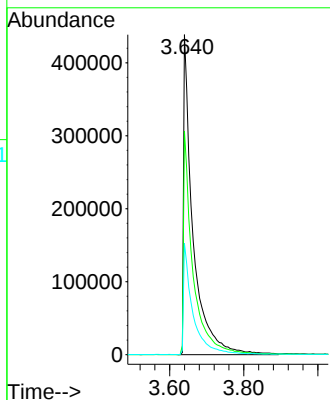
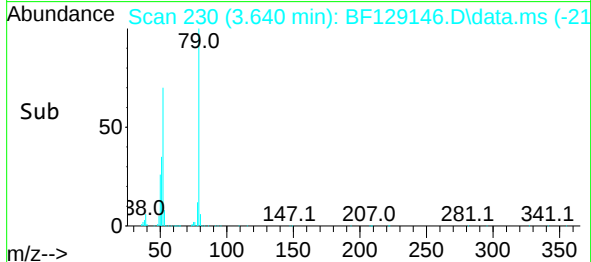
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 79 Resp: 774924
Ion Ratio Lower Upper
79 100
52 69.9 68.6 102.8
51 34.7 32.9 49.3

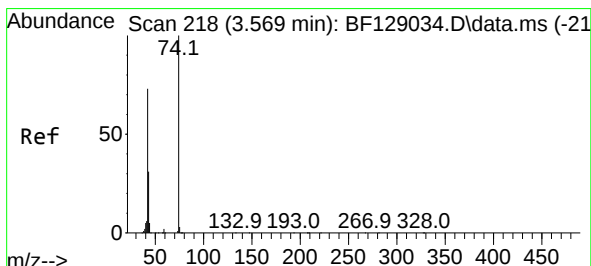
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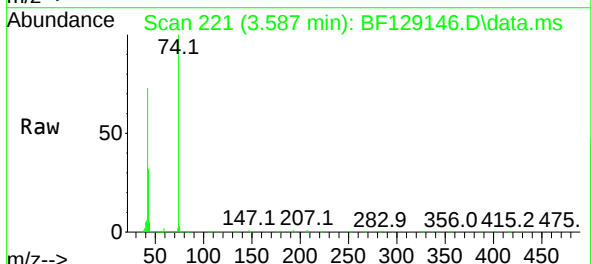


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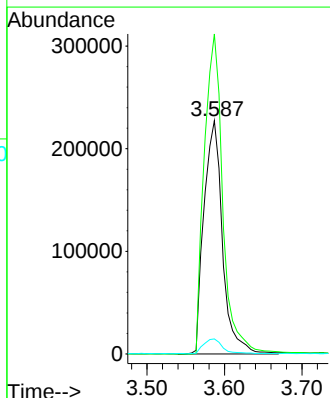
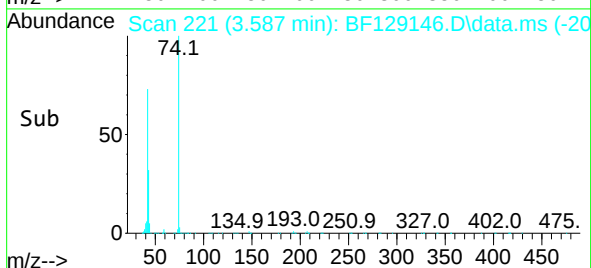
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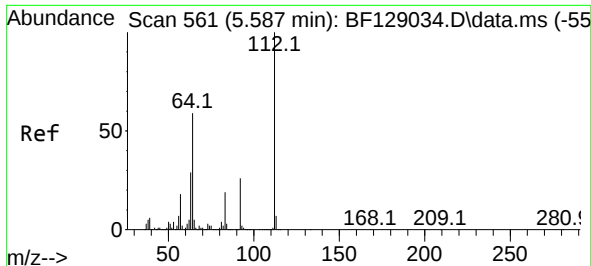


#4
n-Nitrosodimethylamine
Concen: 54.938 ng
RT: 3.587 min Scan# 221
Delta R.T. 0.018 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



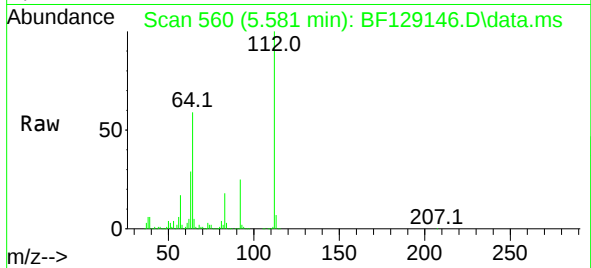
Tgt Ion: 42 Resp: 377781
Ion Ratio Lower Upper
42 100
74 137.2 94.8 142.2
44 6.5 6.6 10.0#





#5
2-Fluorophenol
Concen: 89.074 ng
RT: 5.581 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

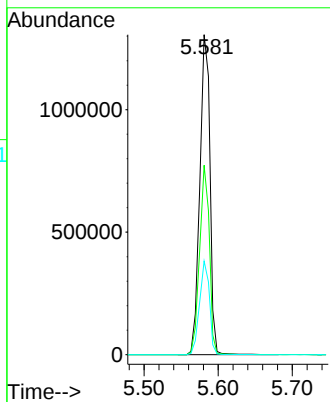
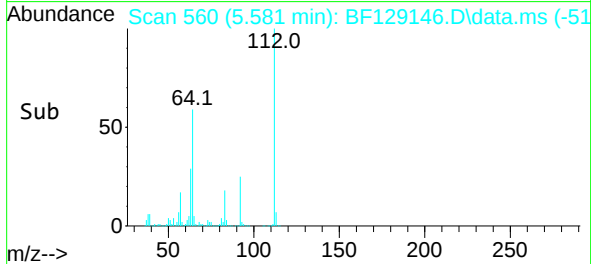
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 124169
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 29.3 28.0 42.0

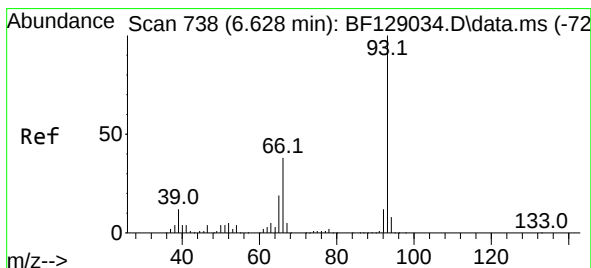
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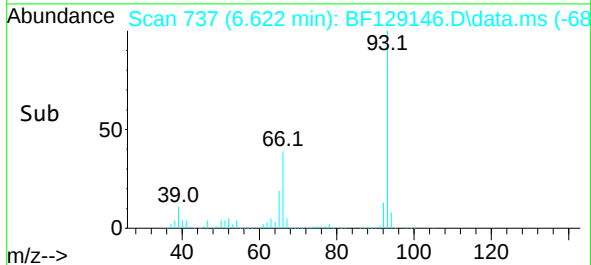
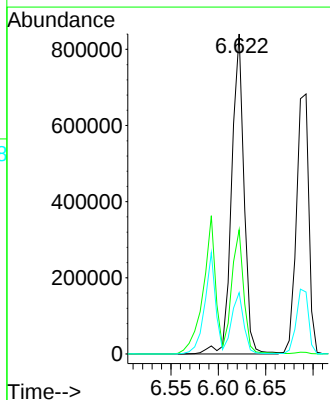
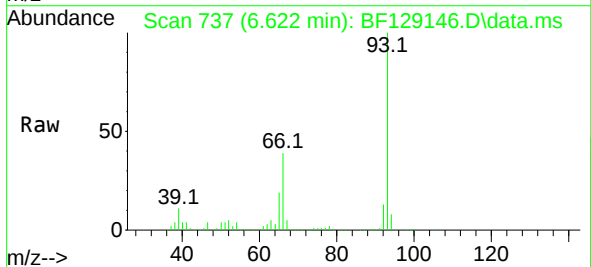
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Upadhyay

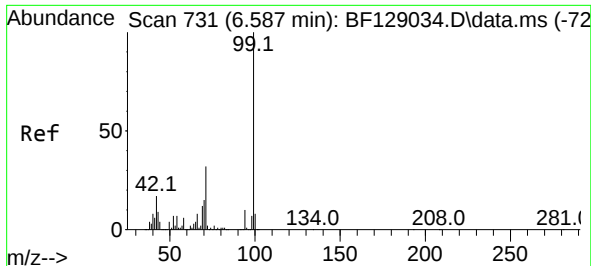
07/07/2022



#6
Aniline
Concen: 39.503 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

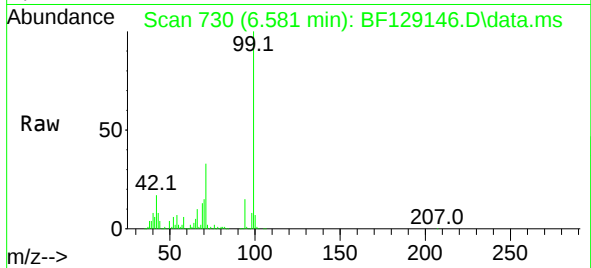
Tgt Ion: 93 Resp: 764885
Ion Ratio Lower Upper
93 100
66 38.8 32.5 48.7
65 19.2 16.4 24.6





#7
Phenol-d6
Concen: 70.297 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

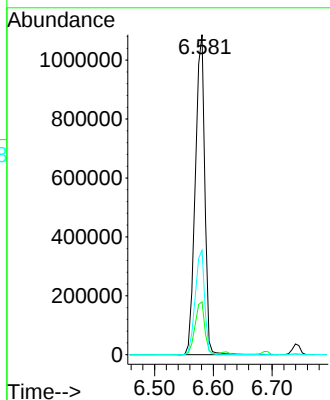
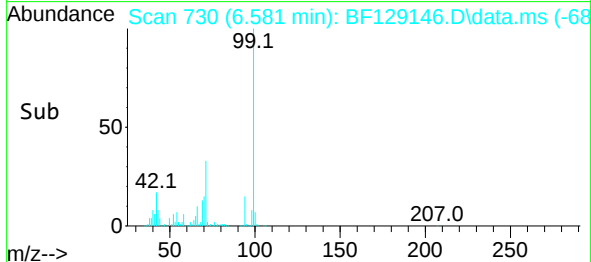
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1217060
Ion Ratio Lower Upper
99 100
42 16.5 17.3 25.9
71 32.6 28.9 43.3

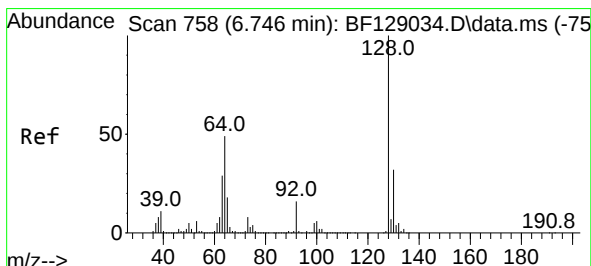
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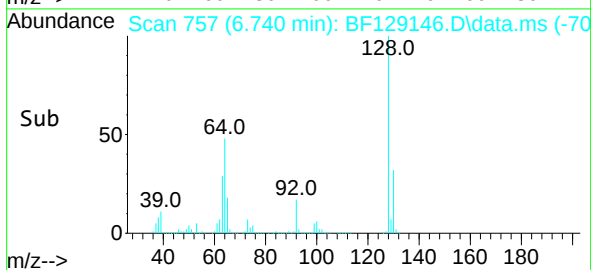
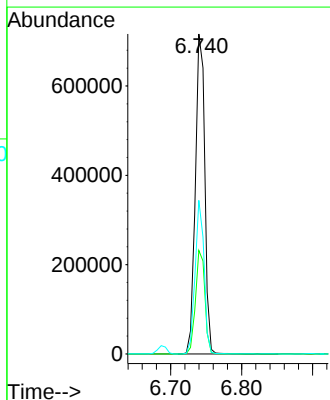
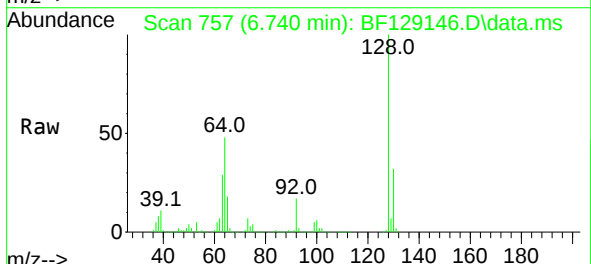
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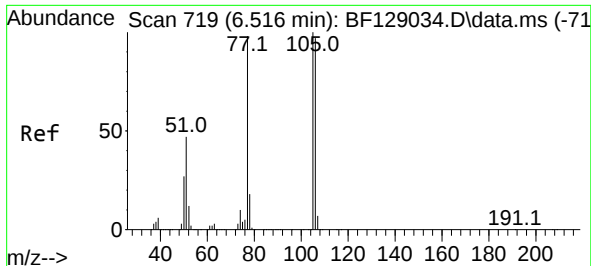
07/07/2022



#8
2-Chlorophenol
Concen: 45.384 ng
RT: 6.740 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

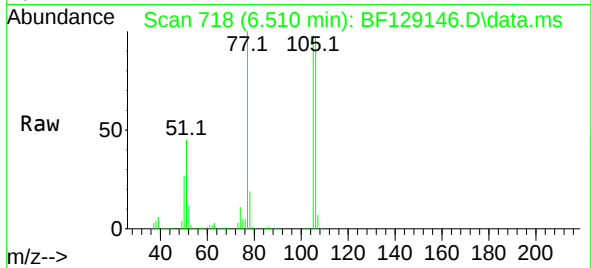
Tgt Ion:128 Resp: 664678
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 48.0 30.9 70.9





#9
Benzaldehyde
Concen: 54.451 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

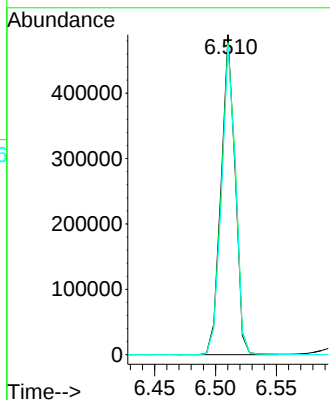
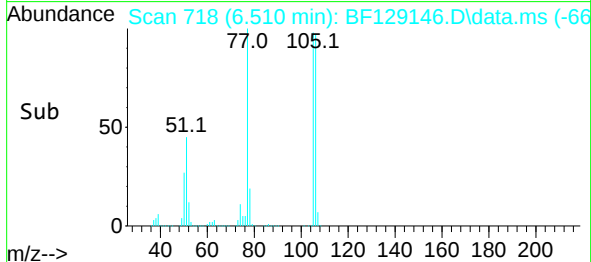
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Tgt Ion: 77 Resp: 391390
Ion Ratio Lower Upper
77 100
105 97.6 81.6 121.6
106 96.8 76.1 116.1

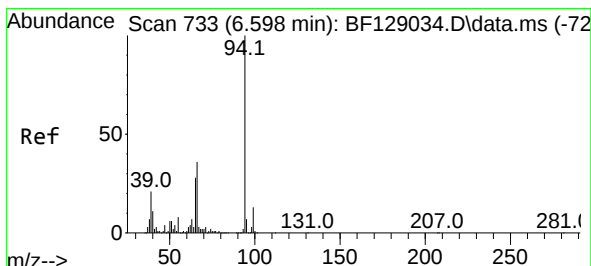
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



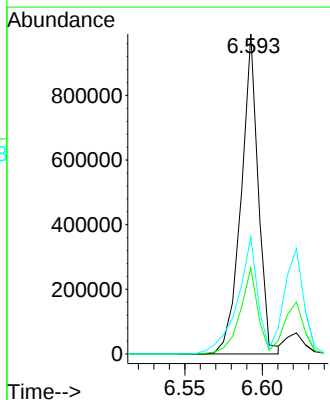
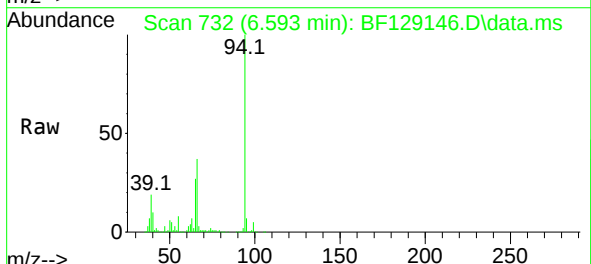
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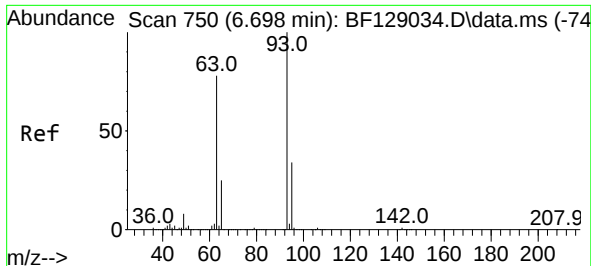
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#10
Phenol
Concen: 43.409 ng
RT: 6.593 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

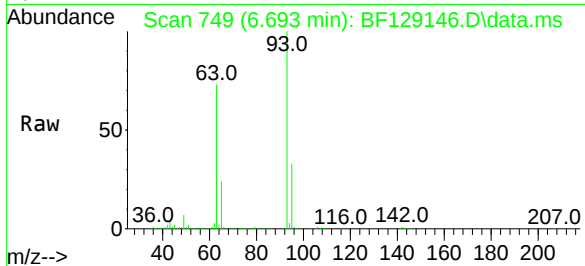
Tgt Ion: 94 Resp: 761435
Ion Ratio Lower Upper
94 100
65 26.9 11.4 51.4
66 36.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 44.602 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

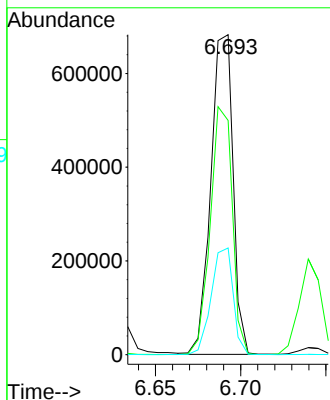
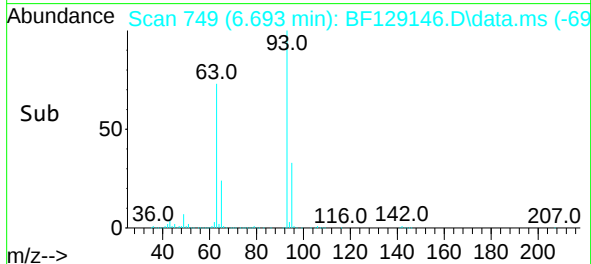
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 93 Resp: 619240
Ion Ratio Lower Upper
93 100
63 73.2 67.4 107.4
95 33.3 12.7 52.7

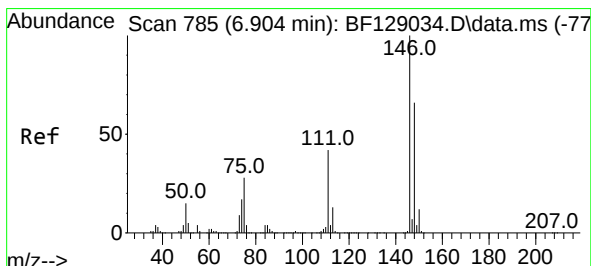
Manual Integrations
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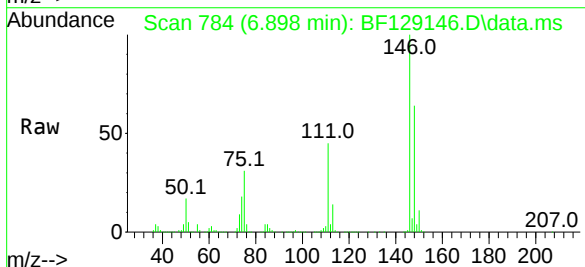


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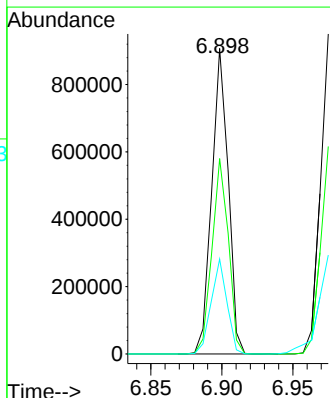
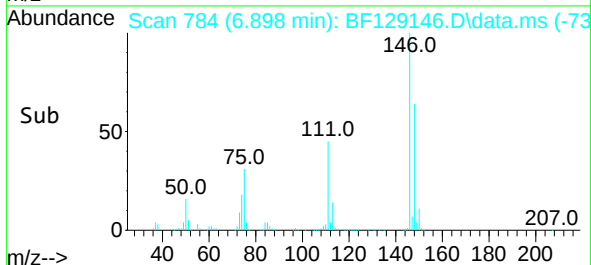
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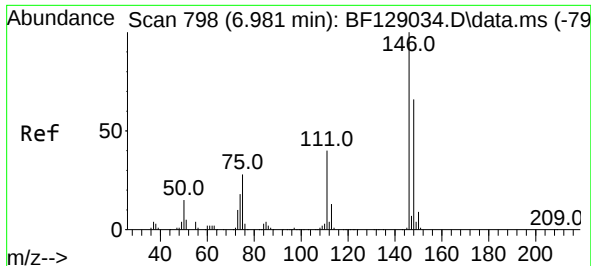


#12
1,3-Dichlorobenzene
Concen: 45.134 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



Tgt Ion:146 Resp: 727663
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 31.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.421 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

ClientSampleId :

C-1MSD

Tgt Ion:146 Resp: 738630

Ion Ratio Lower Upper

146 100

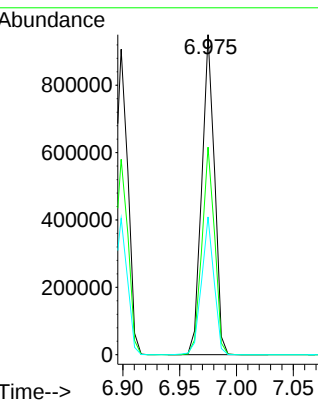
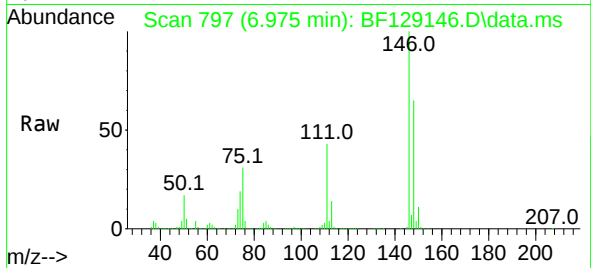
148 64.8 51.1 76.7

111 43.0 34.2 51.4

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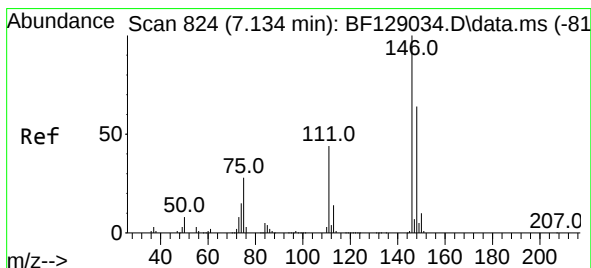
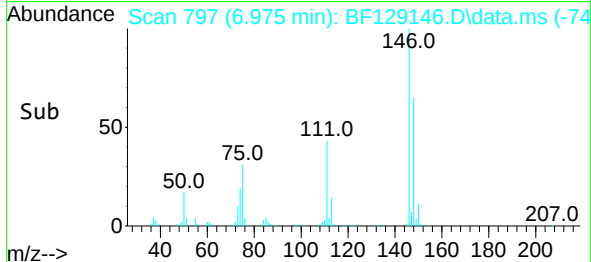
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Reviewed By :Christian
Giraldo



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Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 46.037 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

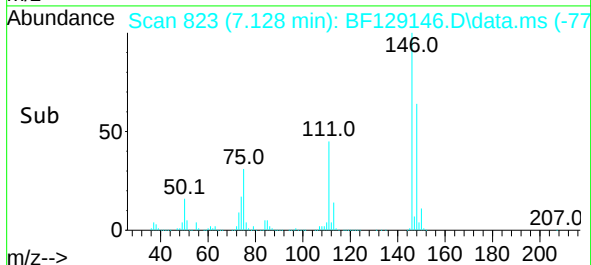
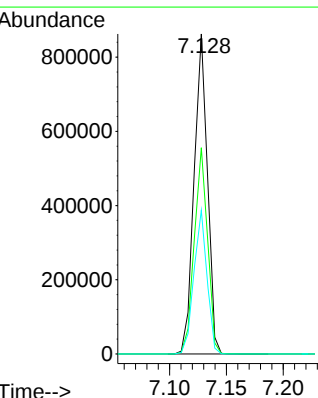
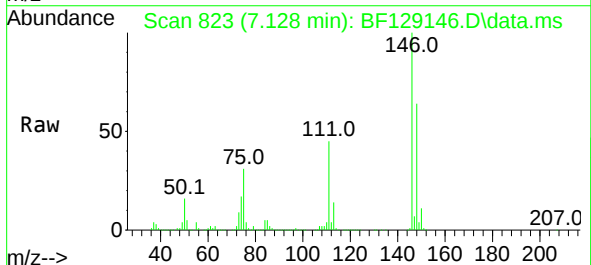
Tgt Ion:146 Resp: 703754

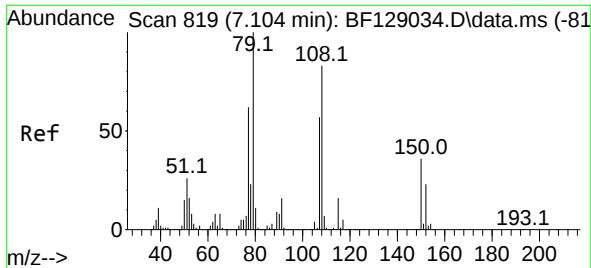
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

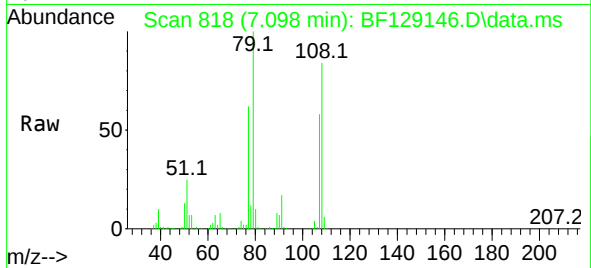
111 44.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.815 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

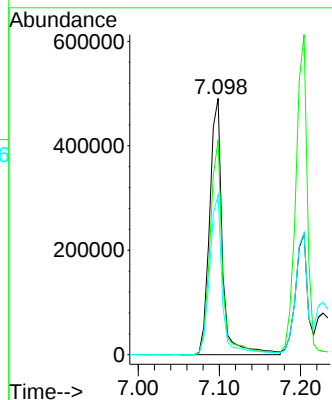
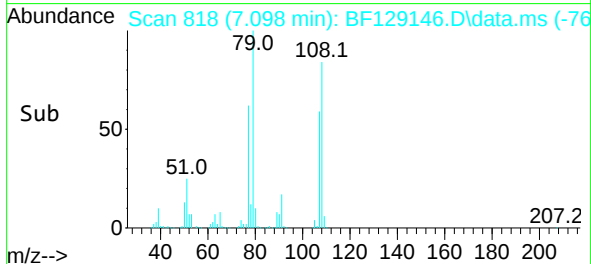
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 79 Resp: 53358
Ion Ratio Lower Upper
79 100
108 83.9 61.8 92.6
77 62.5 50.2 75.4

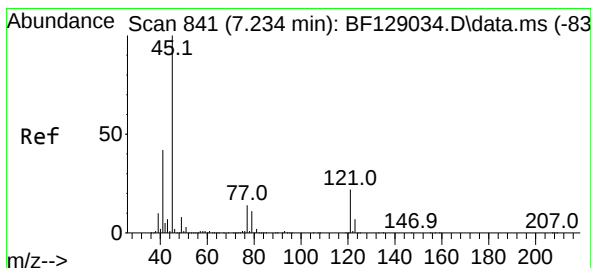
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Reviewed By :Christian
Giraldo



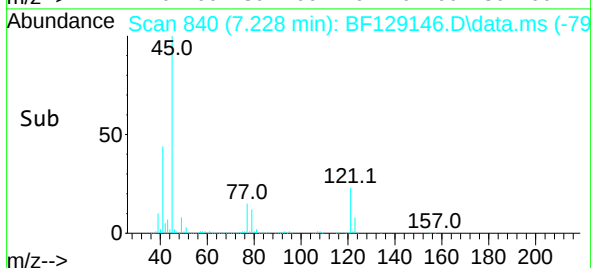
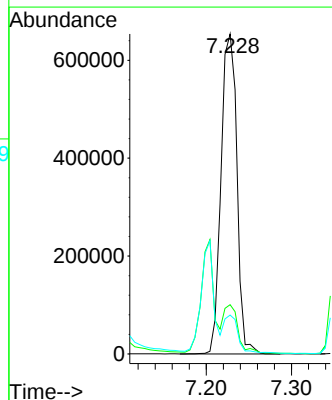
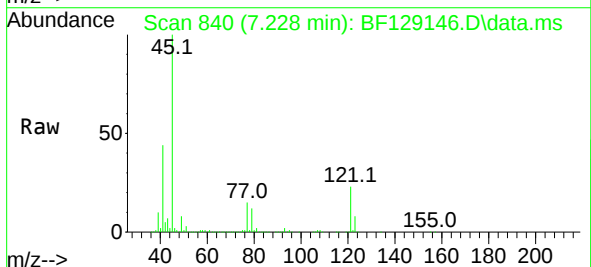
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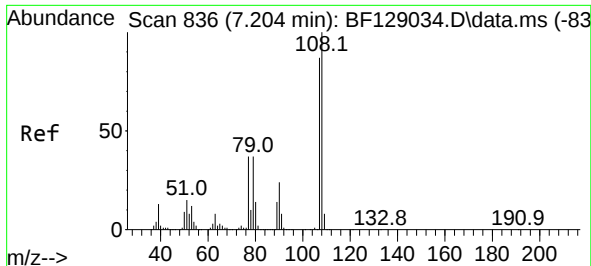
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.549 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

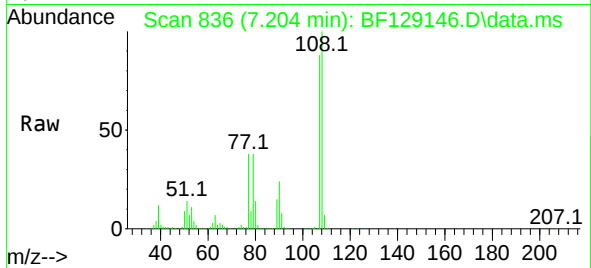
Tgt Ion: 45 Resp: 843742
Ion Ratio Lower Upper
45 100
77 15.4 0.0 31.3
79 12.2 0.0 28.3





#17
2-Methylphenol
Concen: 43.073 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

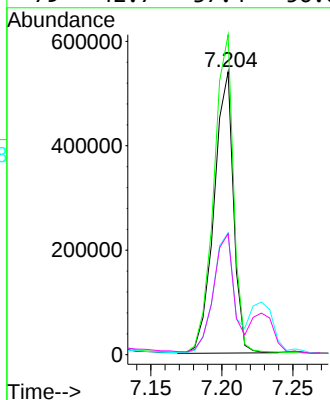
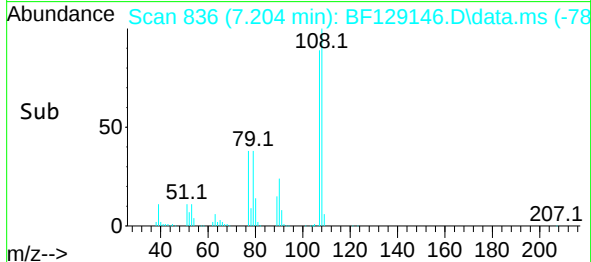
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:107 Resp: 513338
Ion Ratio Lower Upper
107 100
108 113.1 91.9 137.9
77 43.1 37.8 56.8
79 42.7 37.4 56.0

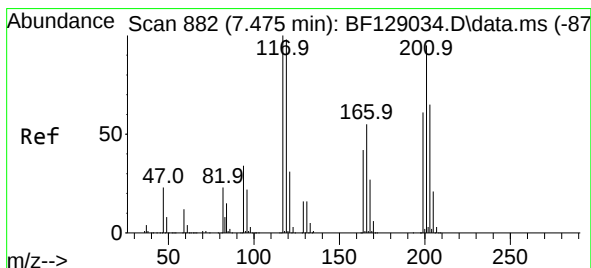
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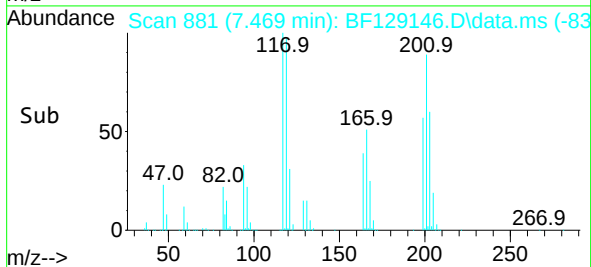
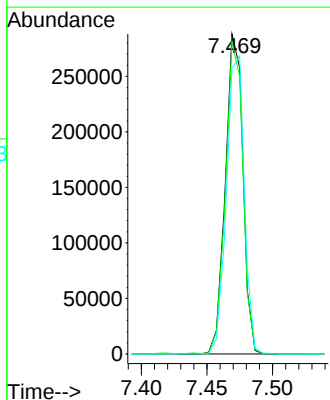
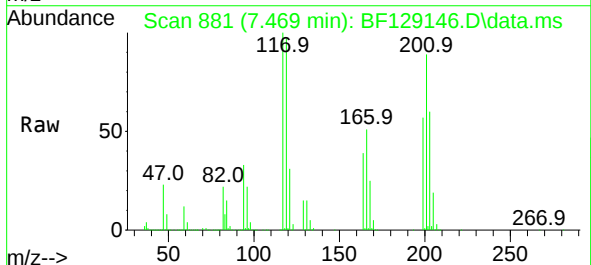
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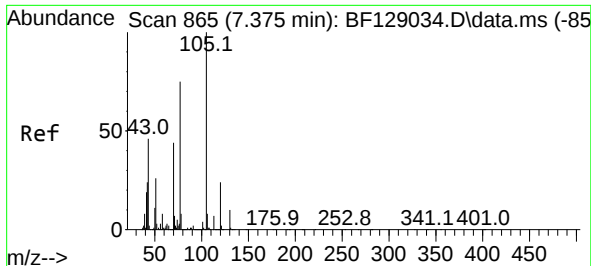
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#18
Hexachloroethane
Concen: 46.934 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

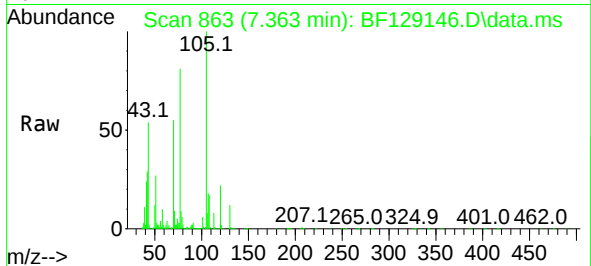
Tgt Ion:117 Resp: 267951
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
201 89.3 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.254 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

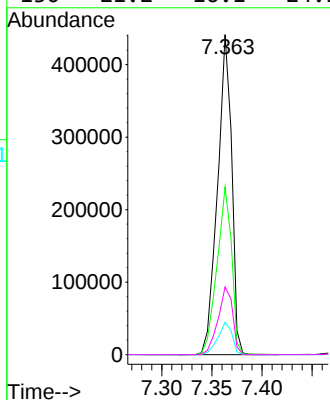
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 70 Resp: 43319
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 10.1 7.5 11.3
130 21.2 16.1 24.1

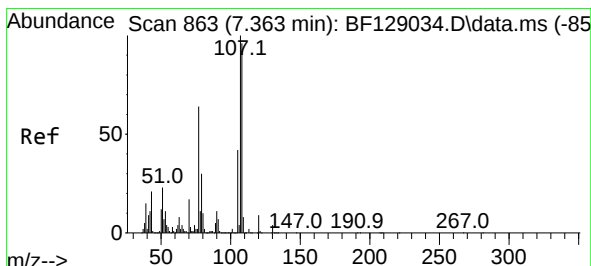
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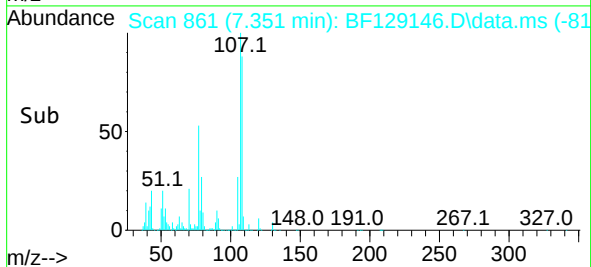
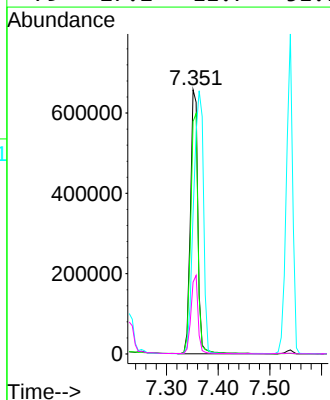
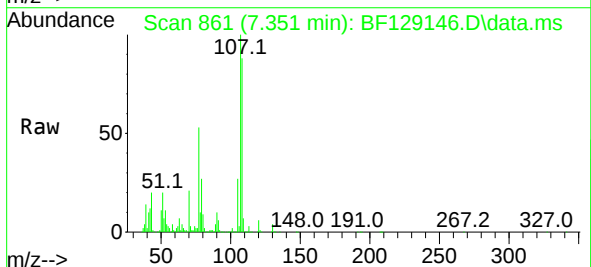
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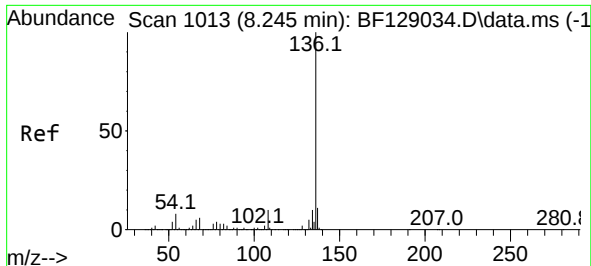
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#20
3+4-Methylphenols
Concen: 43.338 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

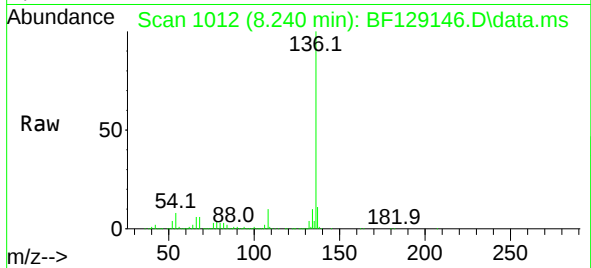
Tgt Ion:107 Resp: 656801
Ion Ratio Lower Upper
107 100
108 88.0 71.8 111.8
77 53.3 59.3 99.3#
79 27.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

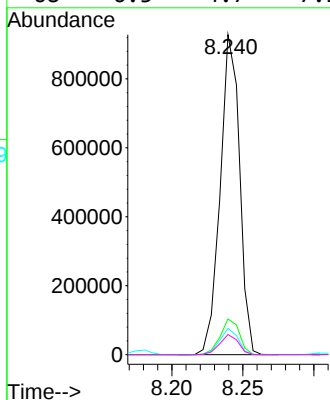
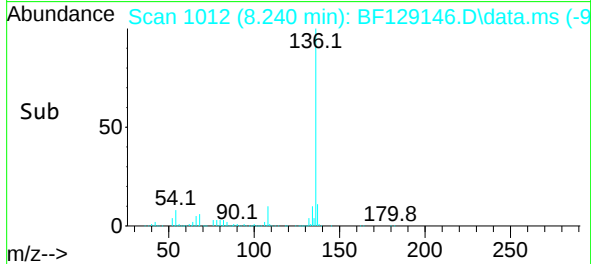
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:136 Resp: 879490
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 7.5 11.3
68 6.3 4.7 7.1

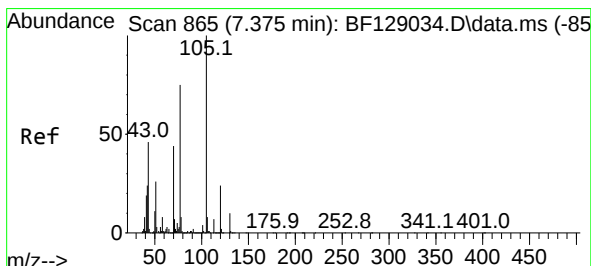
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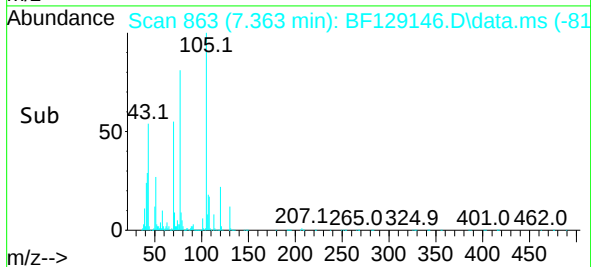
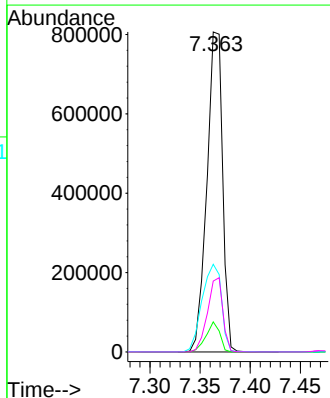
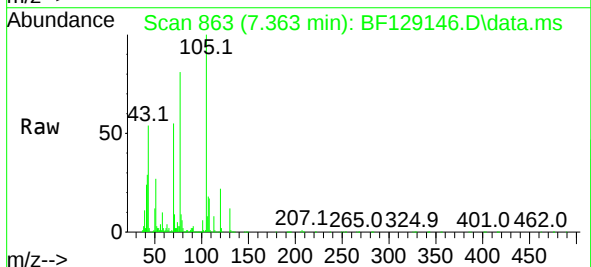
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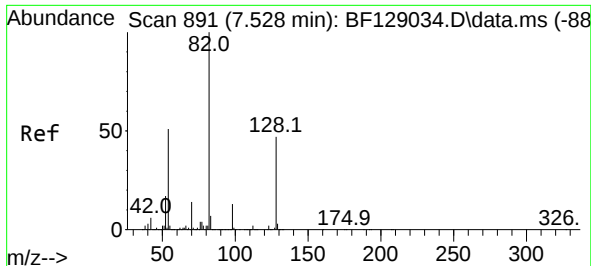
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#22
Acetophenone
Concen: 43.876 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

Tgt Ion:105 Resp: 885230
Ion Ratio Lower Upper
105 100
71 9.4 5.0 7.4#
51 27.4 25.0 37.4
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 52.602 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

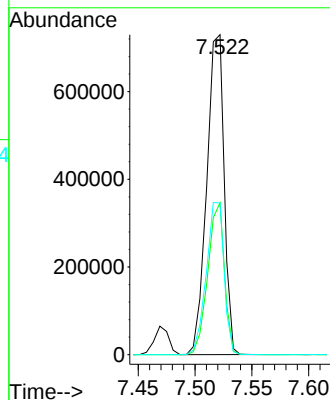
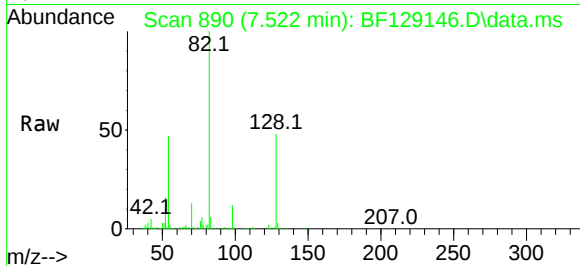
ClientSampleId :

C-1MSD

Tgt Ion: 82 Resp: 775632
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 47.4 46.9 70.3

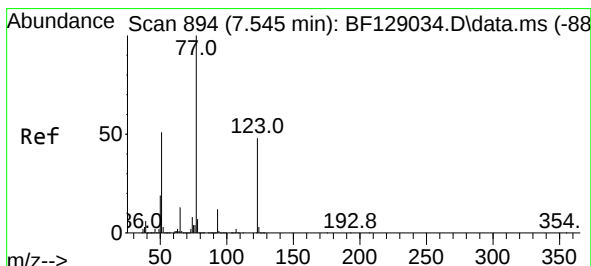
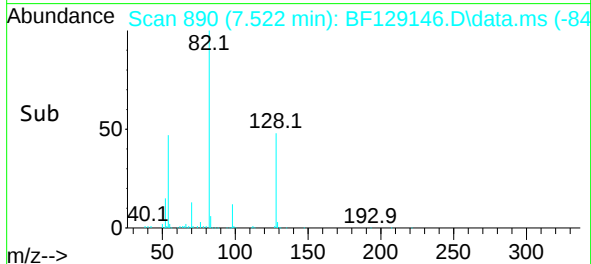
Manual Integrations
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 Giraldo



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#24

Nitrobenzene

Concen: 47.115 ng

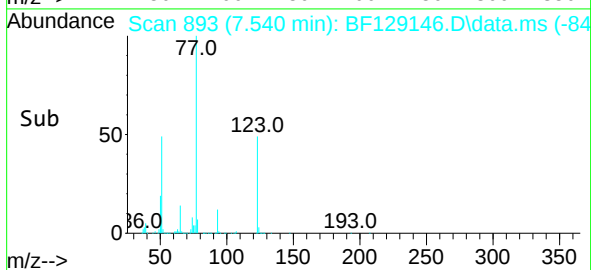
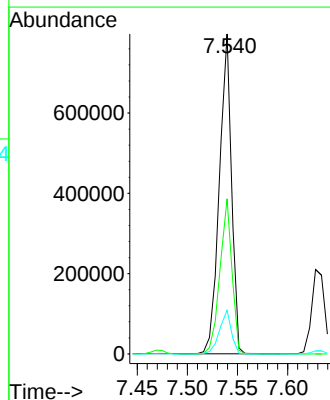
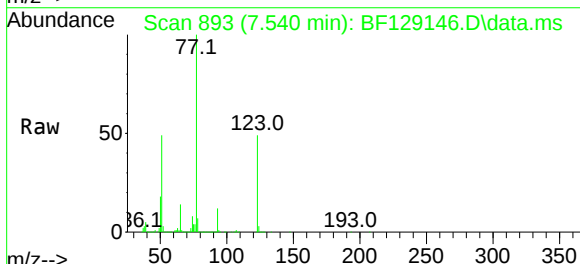
RT: 7.540 min Scan# 893

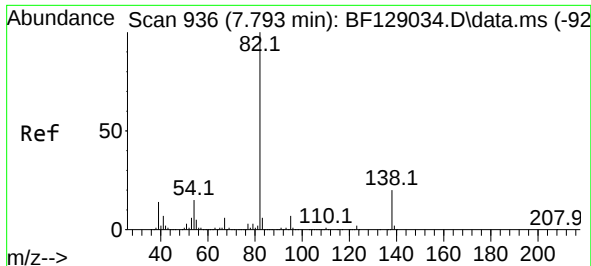
Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

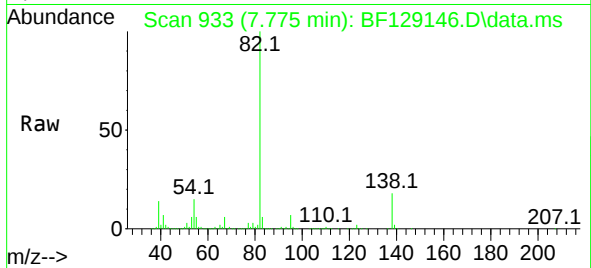
Tgt Ion: 77 Resp: 672176
 Ion Ratio Lower Upper
 77 100
 123 48.5 35.4 53.2
 65 13.6 11.8 17.8





#25
Isophorone
Concen: 47.747 ng
RT: 7.775 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

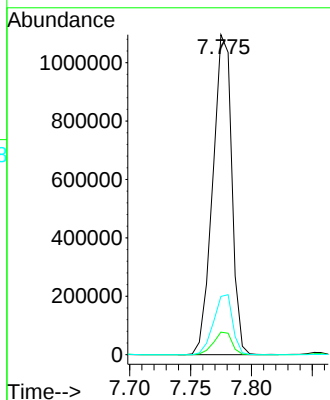
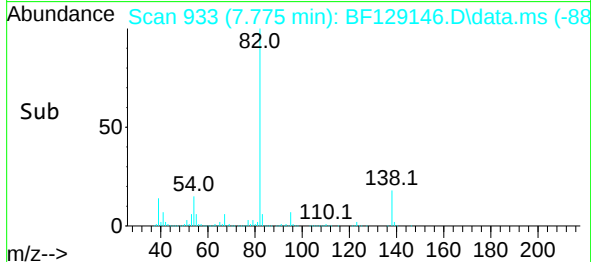
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 82 Resp: 118985
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.2 14.2 21.2

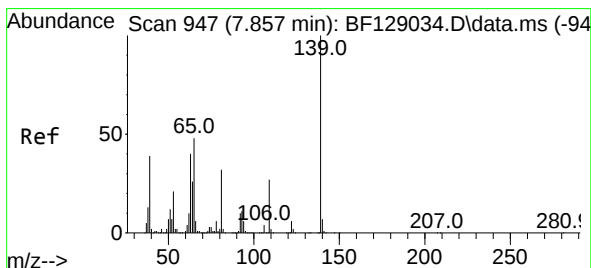
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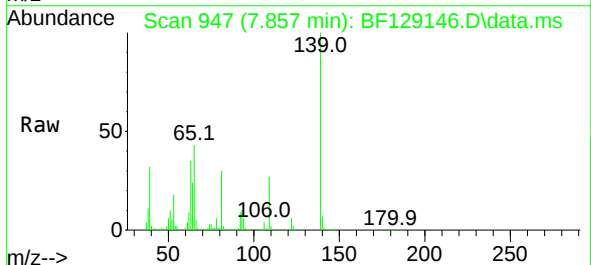


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Supervised By :Jagrut
Upadhyay

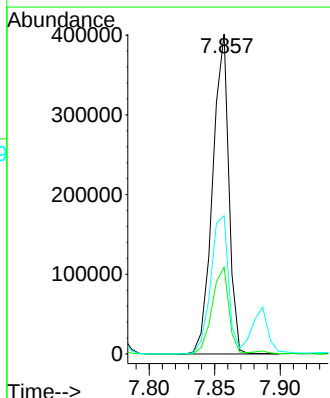
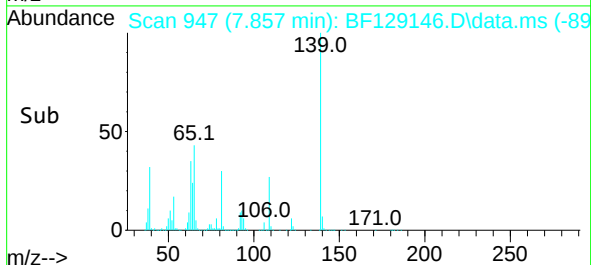
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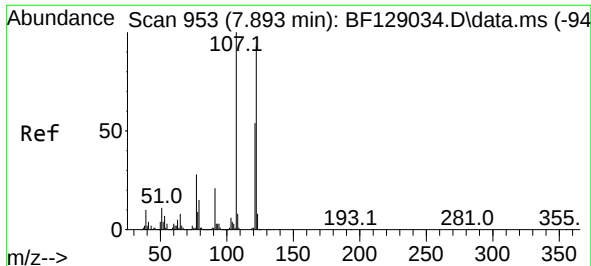


#26
2-Nitrophenol
Concen: 51.904 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



Tgt Ion:139 Resp: 344155
Ion Ratio Lower Upper
139 100
109 27.1 25.0 37.4
65 43.2 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 49.243 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129146.D

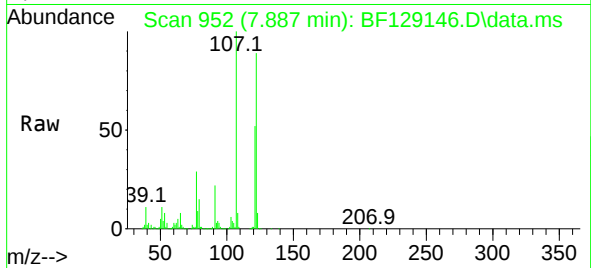
Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

ClientSampleId :

C-1MSD



Tgt Ion:122 Resp: 589470

Ion Ratio Lower Upper

122 100

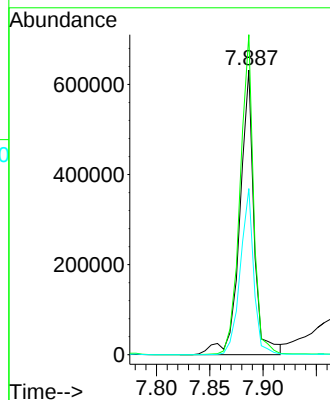
107 112.4 93.0 139.6

121 58.3 46.6 70.0

Manual Integrations

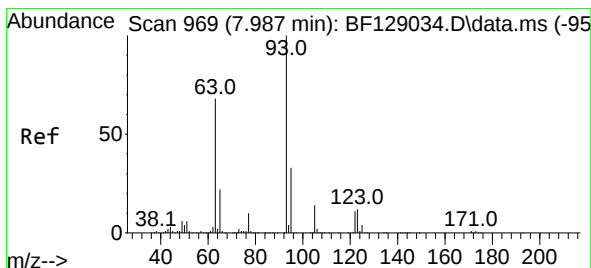
APPROVED

Reviewed By :Christian
Giraldo



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Supervised By :Jagrut
Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 42.477 ng

RT: 7.987 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

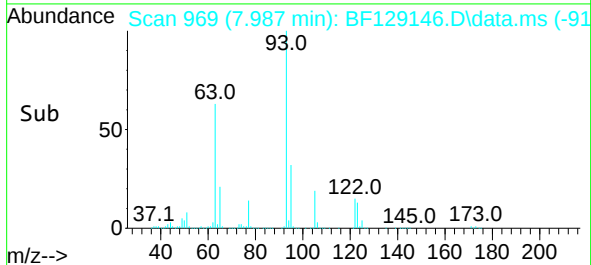
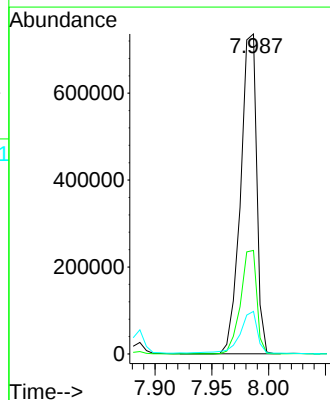
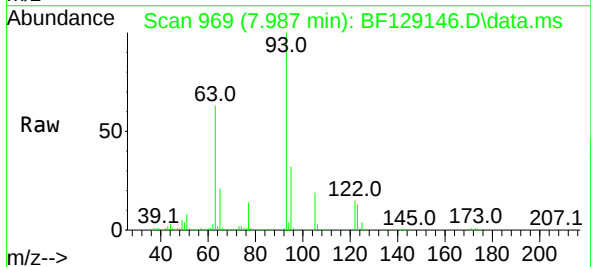
Tgt Ion: 93 Resp: 726971

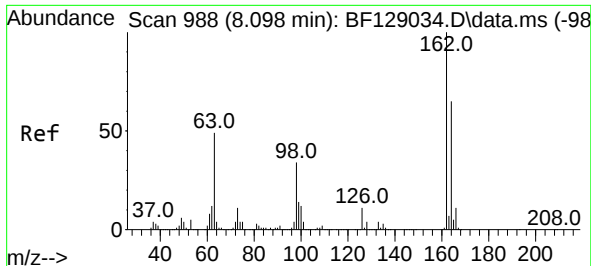
Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

123 13.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.421 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

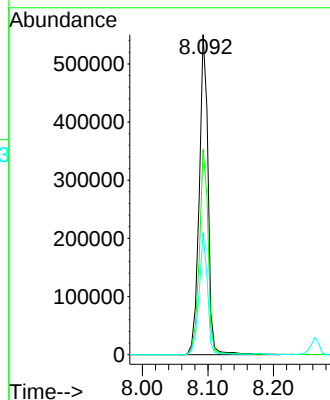
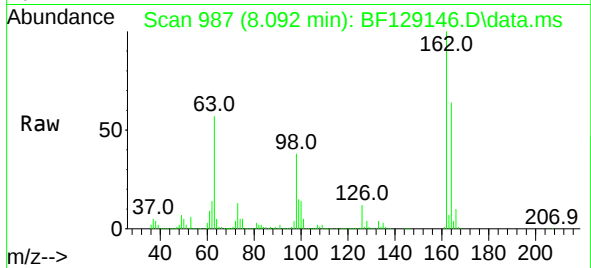
ClientSampleId :

C-1MSD

Tgt Ion:162 Resp: 51795
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.2 84.2
 98 38.1 19.6 59.6

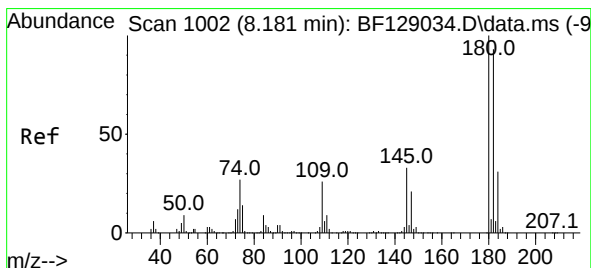
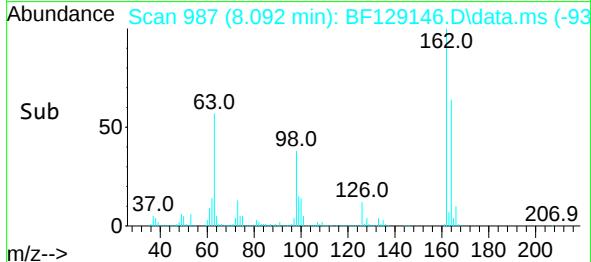
Manual Integrations
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Reviewed By :Christian
 Giraldo



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 Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 41.385 ng

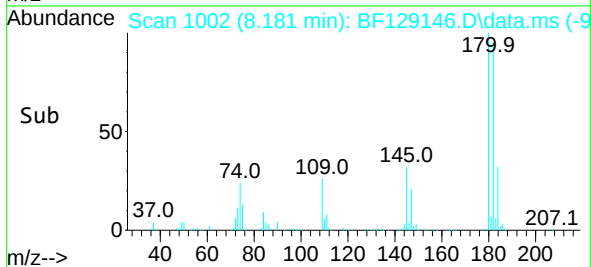
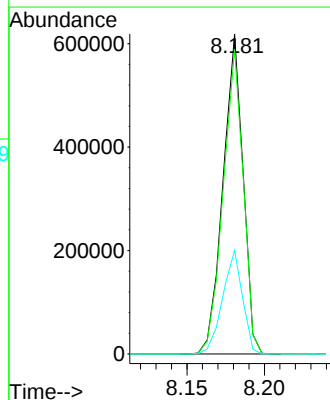
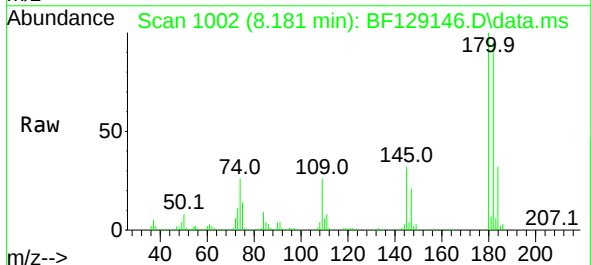
RT: 8.181 min Scan# 1002

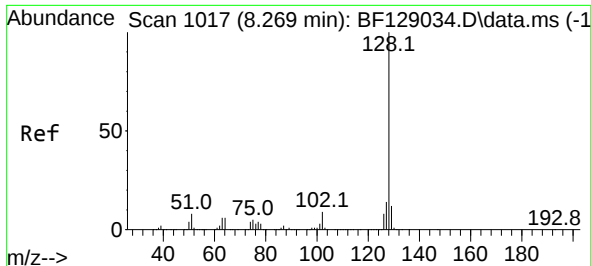
Delta R.T. 0.000 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

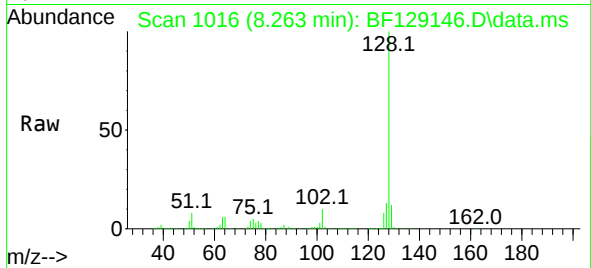
Tgt Ion:180 Resp: 556050
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.2 118.8
 145 32.4 26.2 39.2





#31
Naphthalene
Concen: 45.161 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

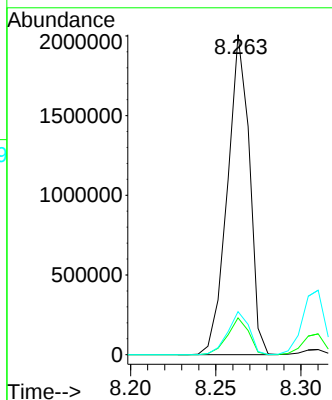
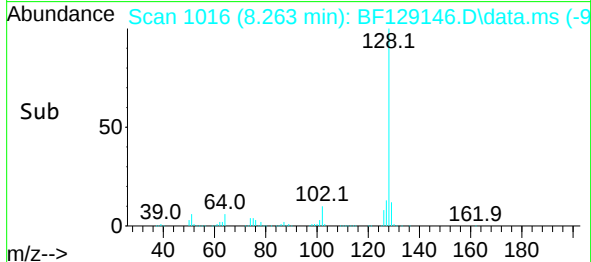
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:128 Resp: 180312
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.5 15.7

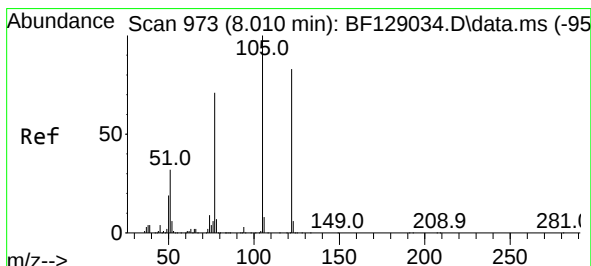
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Reviewed By :Christian
Giraldo

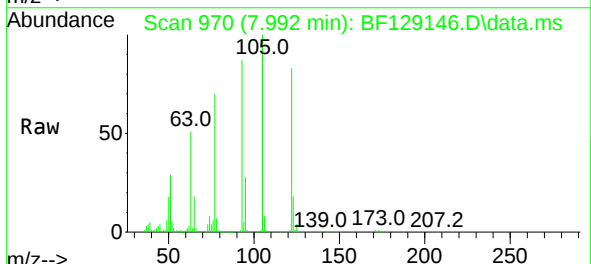


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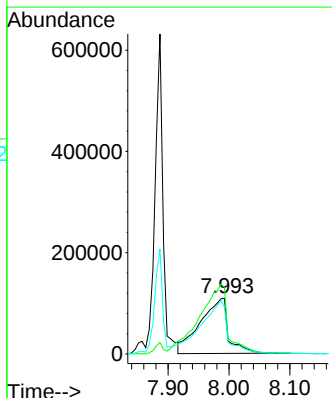
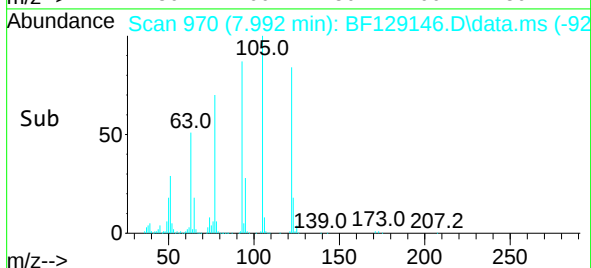
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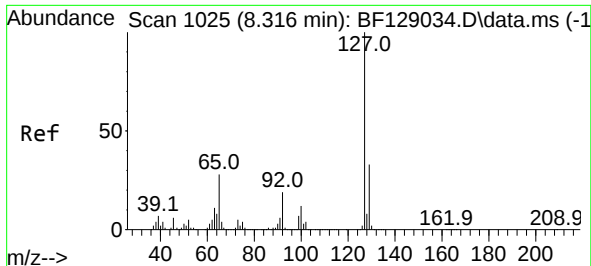


#32
Benzoic acid
Concen: 36.517 ng
RT: 7.992 min Scan# 970
Delta R.T. -0.018 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



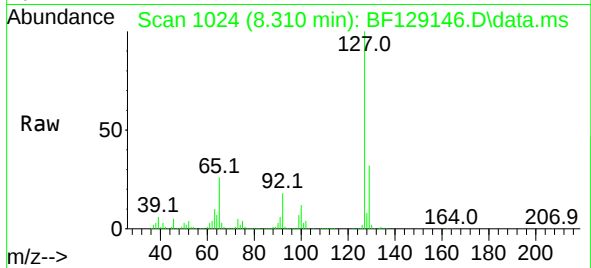
Tgt Ion:122 Resp: 350725
Ion Ratio Lower Upper
122 100
105 119.9 107.1 147.1
77 84.3 74.2 114.2





#33
4-Chloroaniline
Concen: 24.326 ng
RT: 8.310 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

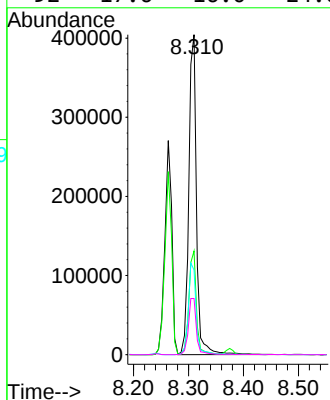
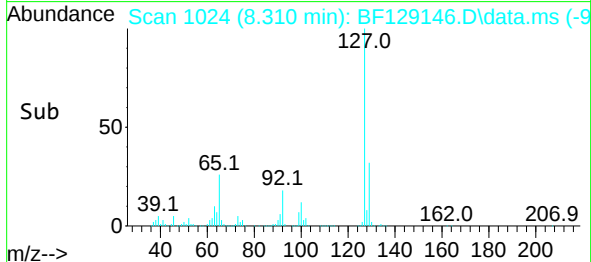
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:127 Resp: 391368
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 26.5 26.4 39.6
92 17.6 16.0 24.0

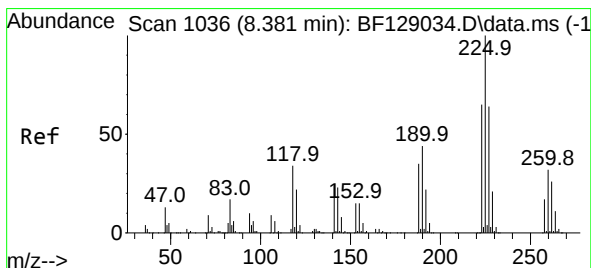
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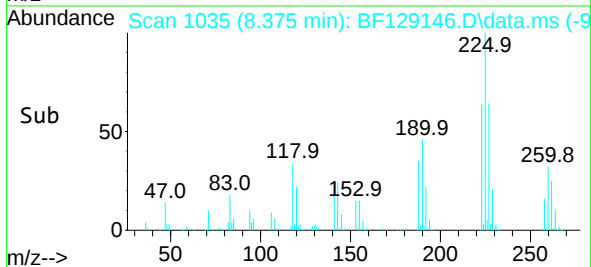
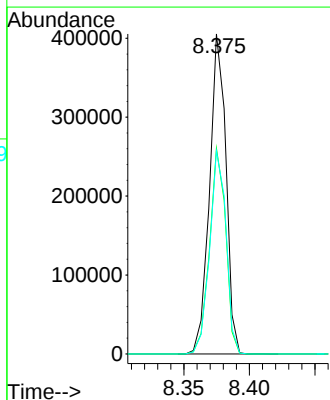
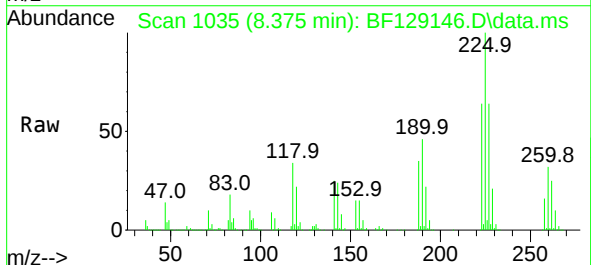
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Supervised By :Jagrut
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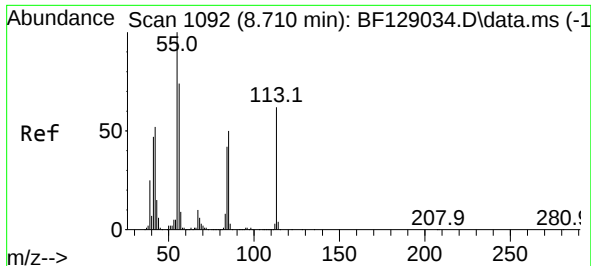
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#34
Hexachlorobutadiene
Concen: 43.943 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

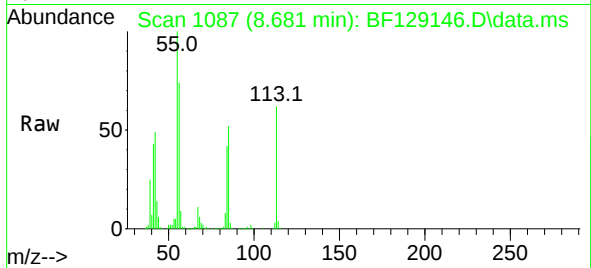
Tgt Ion:225 Resp: 352547
Ion Ratio Lower Upper
225 100
223 64.3 51.0 76.6
227 63.5 51.1 76.7





#35
Caprolactam
Concen: 38.591 ng m
RT: 8.681 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

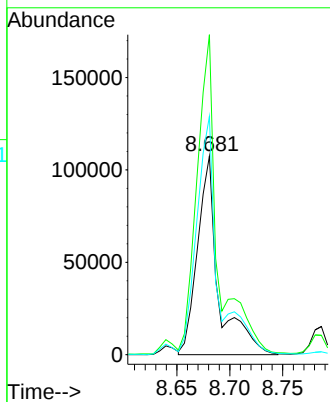
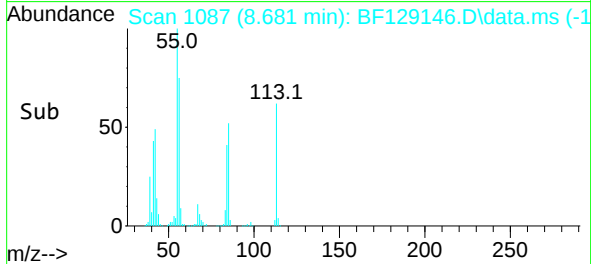
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:113 Resp: 149415
Ion Ratio Lower Upper
113 100
55 161.2 188.5 228.5
56 120.0 130.6 170.6

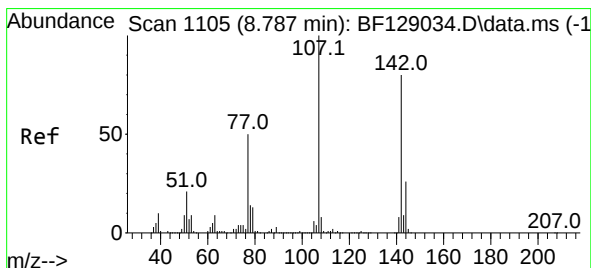
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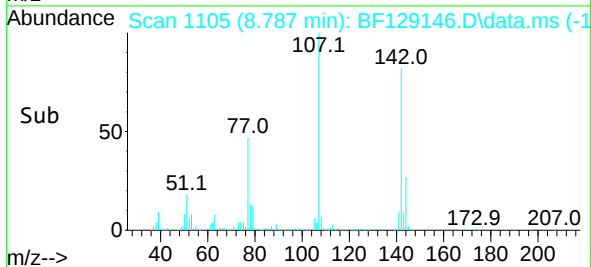
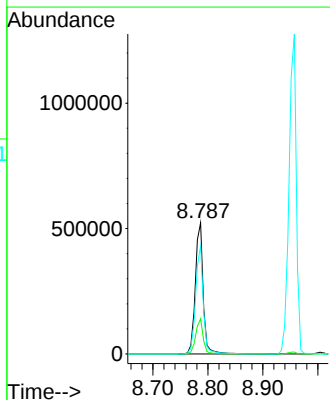
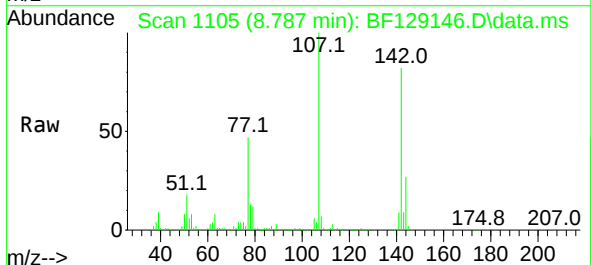
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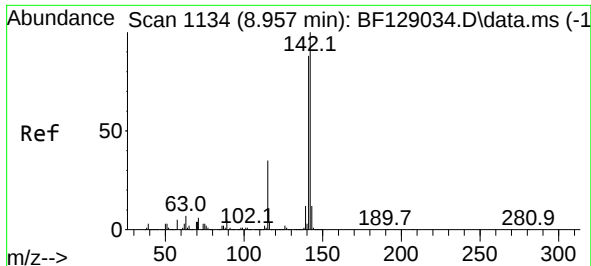
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#36
4-Chloro-3-methylphenol
Concen: 41.748 ng
RT: 8.787 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

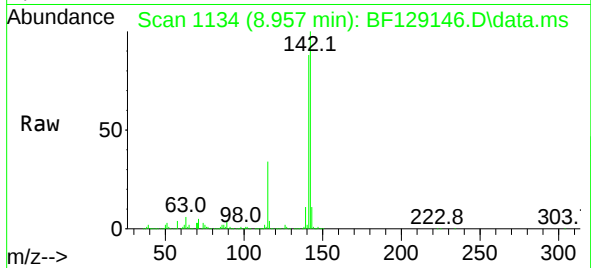
Tgt Ion:107 Resp: 517902
Ion Ratio Lower Upper
107 100
144 26.8 19.5 29.3
142 82.3 58.2 87.4





#37
2-Methylnaphthalene
Concen: 43.543 ng
RT: 8.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

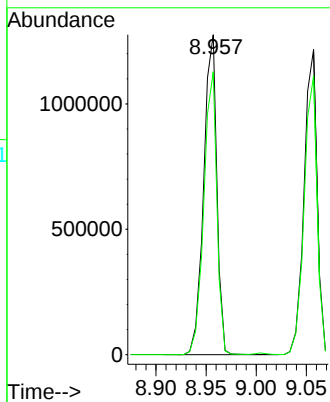
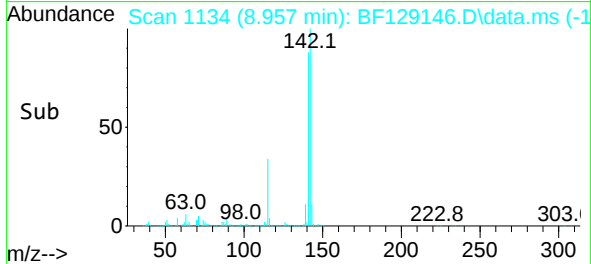
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:142 Resp: 116986
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

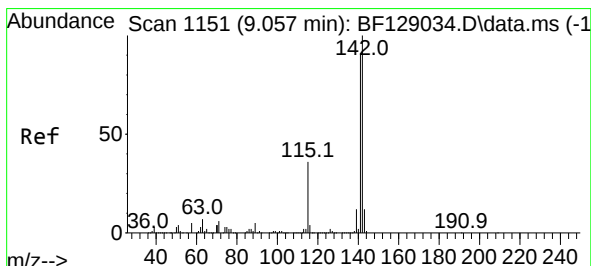
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Giraldo



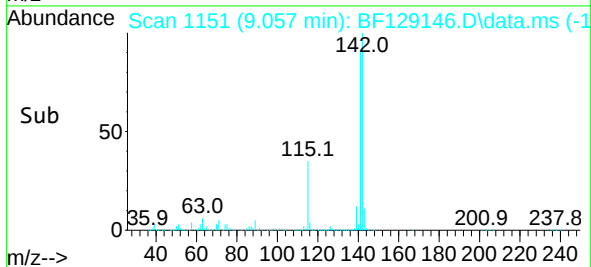
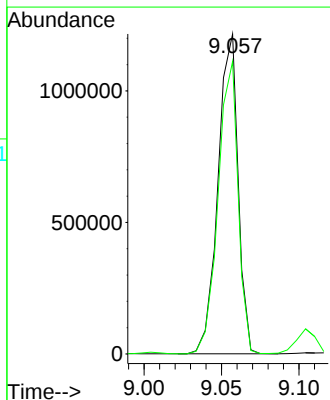
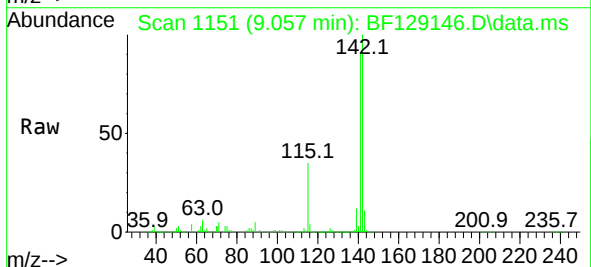
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Upadhyay

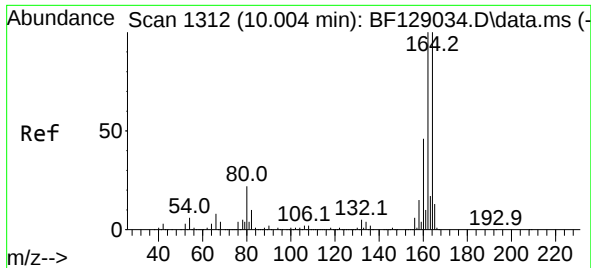
07/07/2022



#38
1-Methylnaphthalene
Concen: 41.964 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

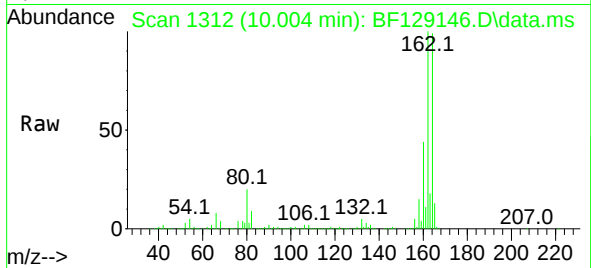
Tgt Ion:142 Resp: 1094876
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

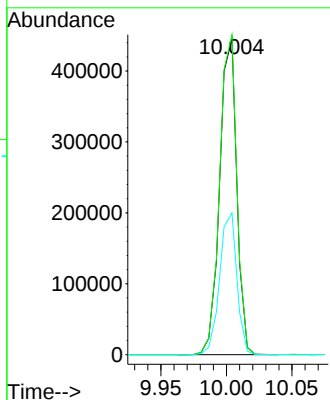
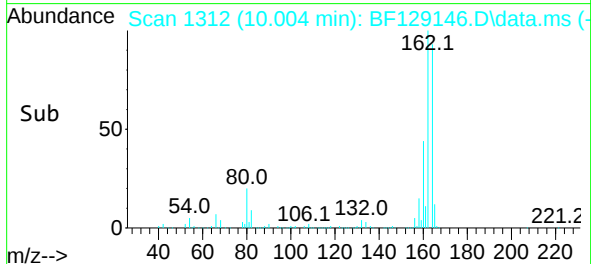
Instrument :
BNA_F
Client Sample Id :
C-1MSD



Tgt Ion:164 Resp: 403598
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 44.8 34.2 51.4

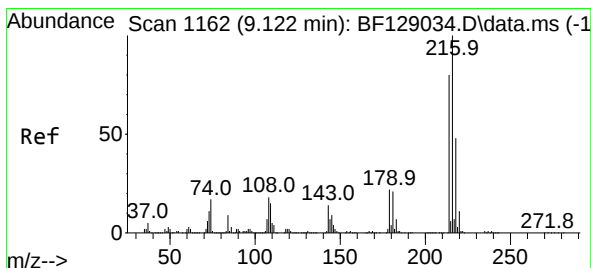
Manual Integrations
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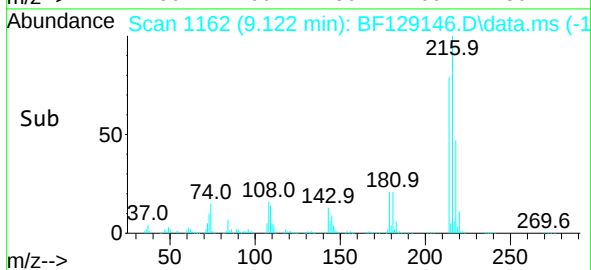
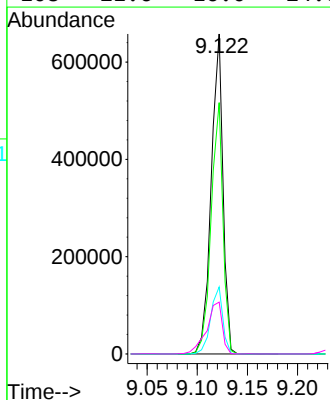
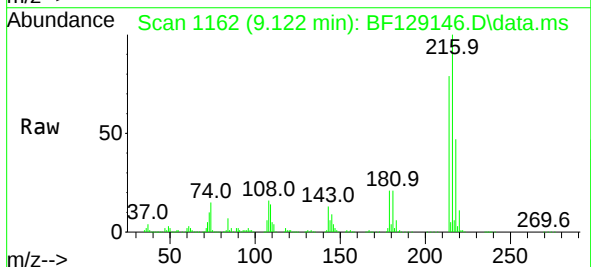
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Upadhyay

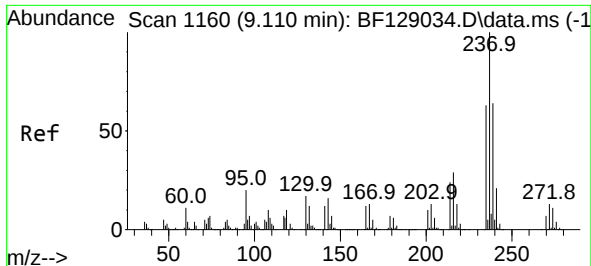
07/07/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.161 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

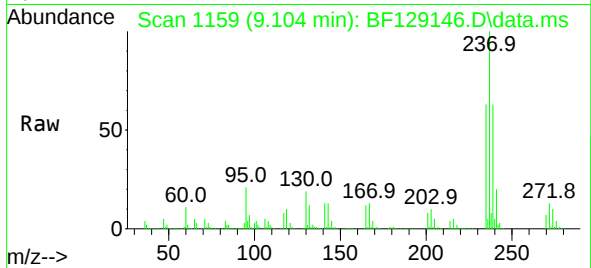
Tgt Ion:216 Resp: 535013
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 21.5 17.0 25.6
108 21.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 114.535 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

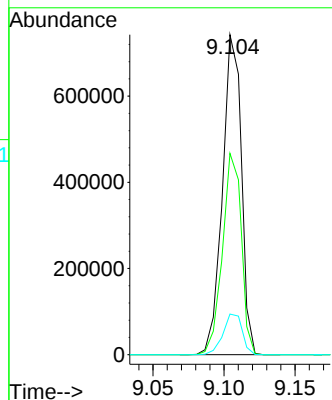
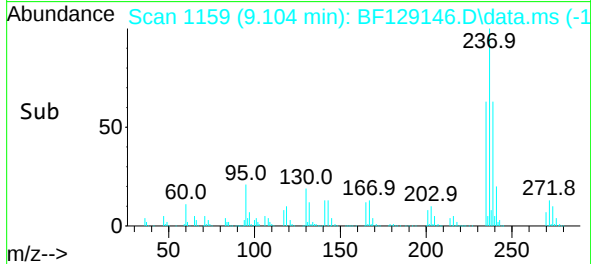
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:237 Resp: 68586
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 12.7 0.0 31.9

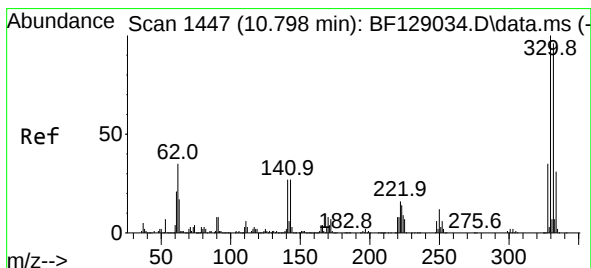
Manual Integrations
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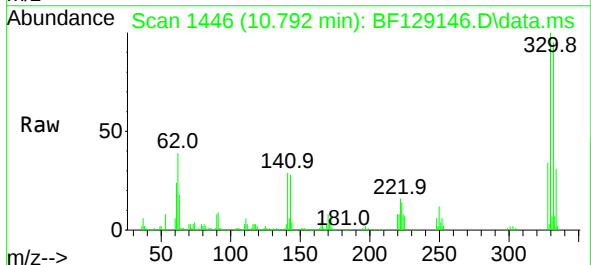


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Upadhyay

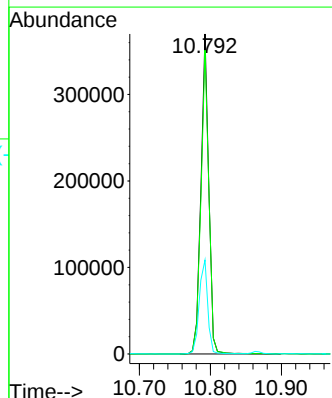
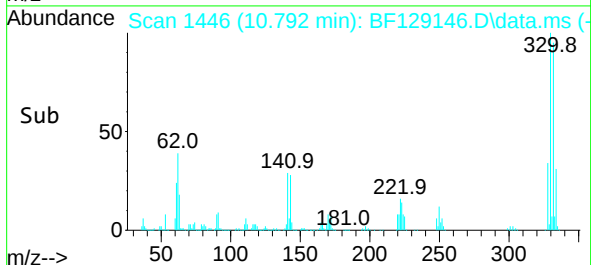
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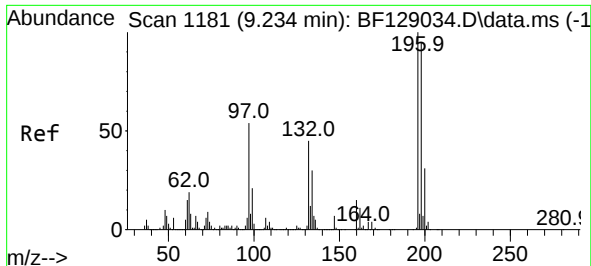


#42
2,4,6-Tribromophenol
Concen: 64.796 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



Tgt Ion:330 Resp: 284361
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 32.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 44.153 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

ClientSampleId :

C-1MSD

Tgt Ion:196 Resp: 34117

Ion Ratio Lower Upper

196 100

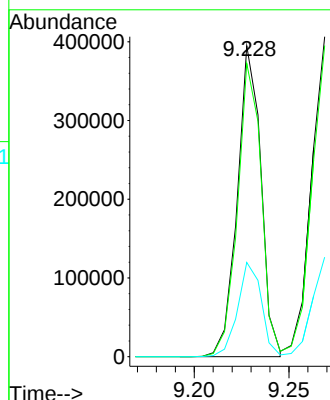
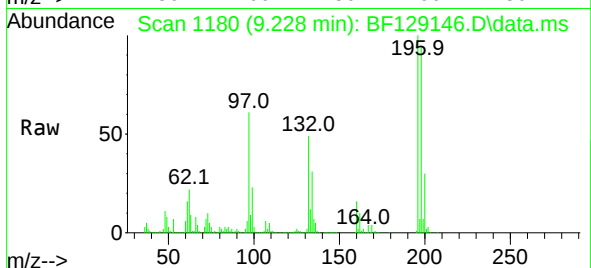
198 94.3 74.0 111.0

200 30.3 24.1 36.1

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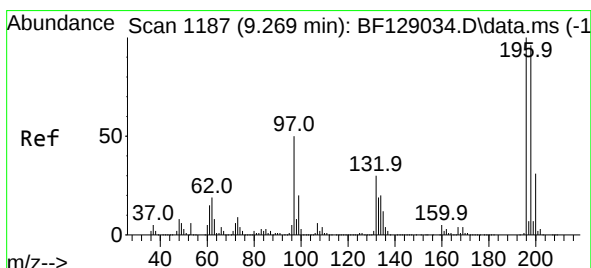
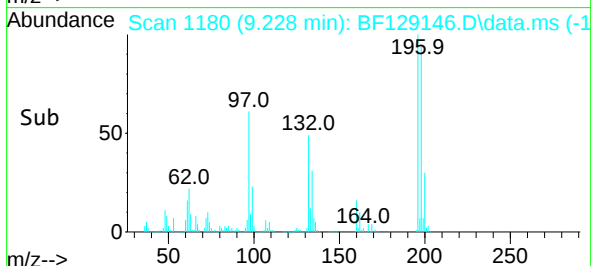
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Reviewed By :Christian
Giraldo



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Supervised By :Jagrut
Upadhyay

07/07/2022



#44

2,4,5-Trichlorophenol

Concen: 43.788 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Tgt Ion:196 Resp: 359904

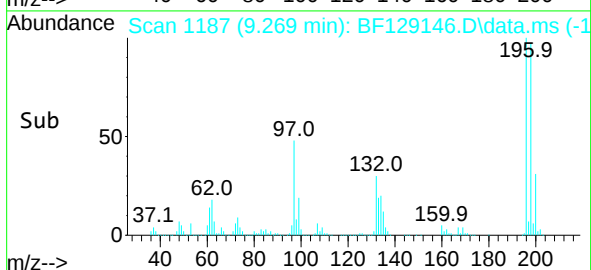
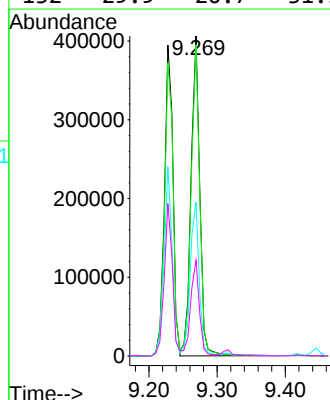
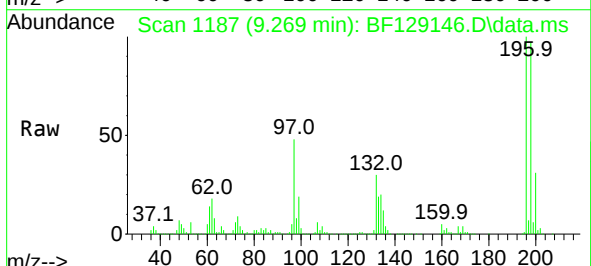
Ion Ratio Lower Upper

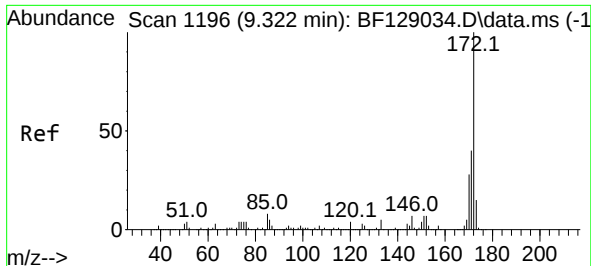
196 100

198 97.3 75.7 113.5

97 48.1 36.4 54.6

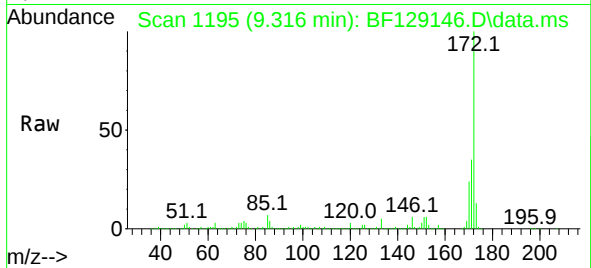
132 29.9 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 51.859 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

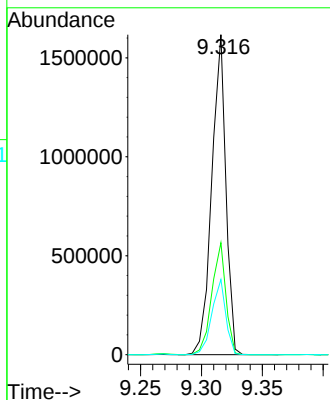
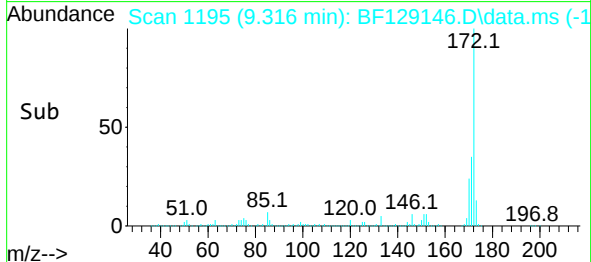
Instrument :
BNA_F
Client SampleId :
C-1MSD



Tgt Ion:172 Resp: 1308320
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.5 19.8 29.8

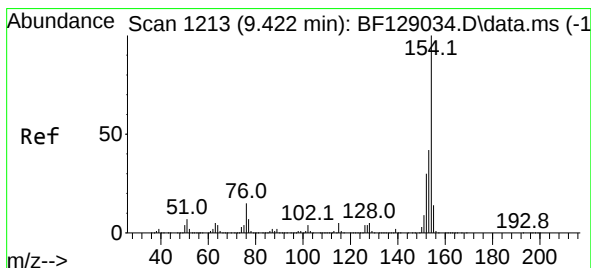
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Reviewed By :Christian
Giraldo

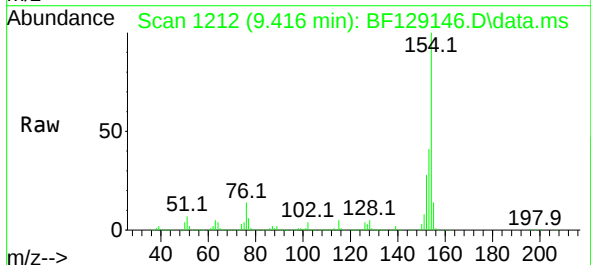


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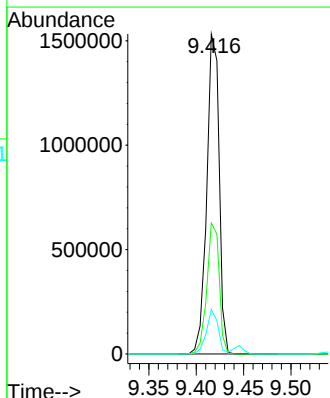
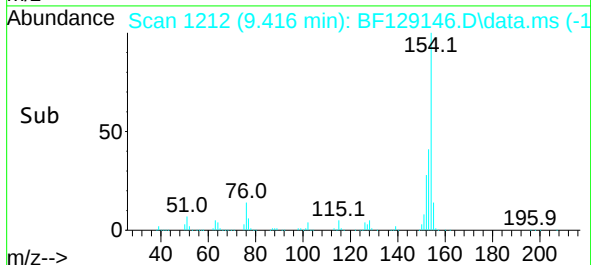
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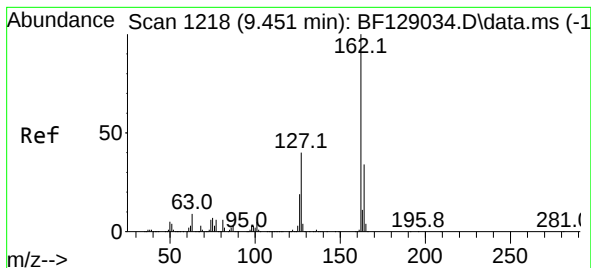


#46
1,1'-Biphenyl
Concen: 47.814 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



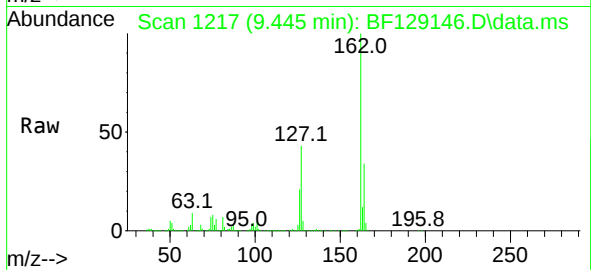
Tgt Ion:154 Resp: 1387347
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 13.9 0.0 33.3





#47
2-Chloronaphthalene
Concen: 45.651 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

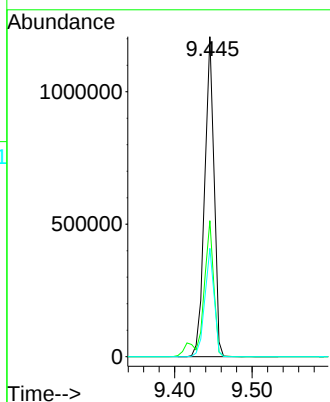
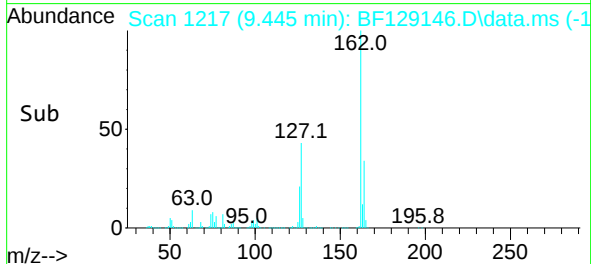
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:162 Resp: 102289
Ion Ratio Lower Upper
162 100
127 42.5 34.5 51.7
164 33.8 26.5 39.7

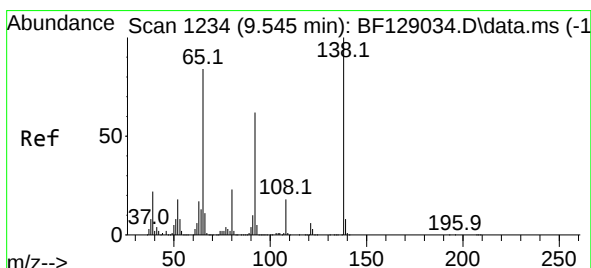
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Giraldo



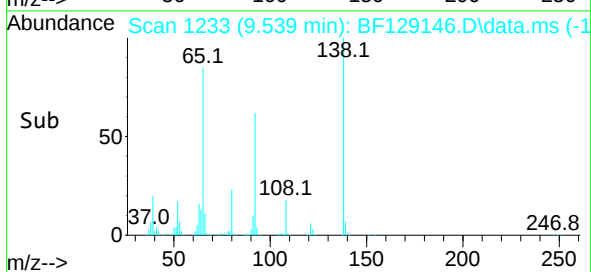
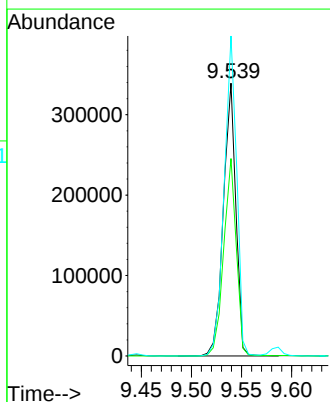
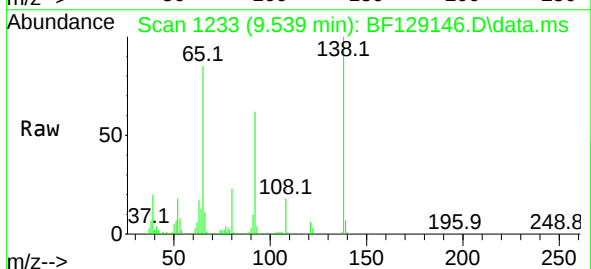
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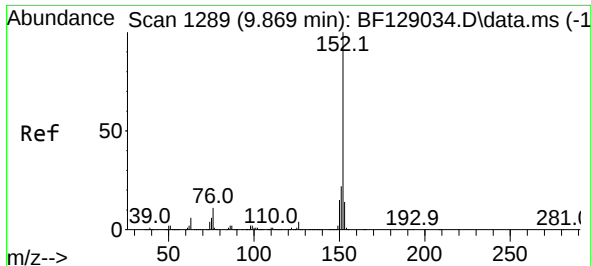
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#48
2-Nitroaniline
Concen: 49.878 ng
RT: 9.539 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

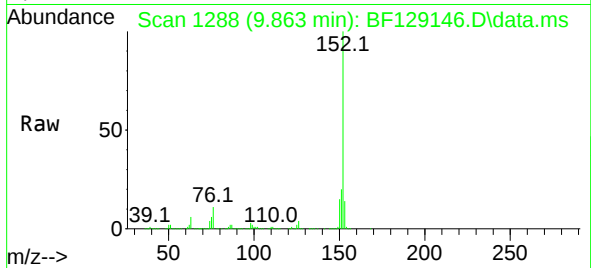
Tgt Ion: 65 Resp: 294358
Ion Ratio Lower Upper
65 100
92 72.4 51.9 77.9
138 117.3 76.4 114.6#





#49
Acenaphthylene
Concen: 46.816 ng
RT: 9.863 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

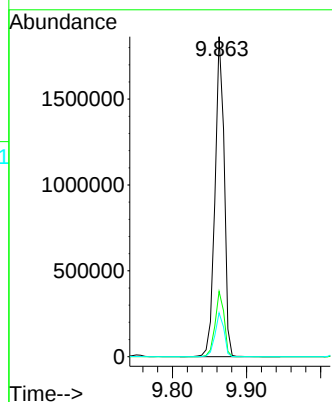
Instrument :
BNA_F
Client Sample Id :
C-1MSD



Tgt Ion:152 Resp: 1593980
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 10.7 16.1

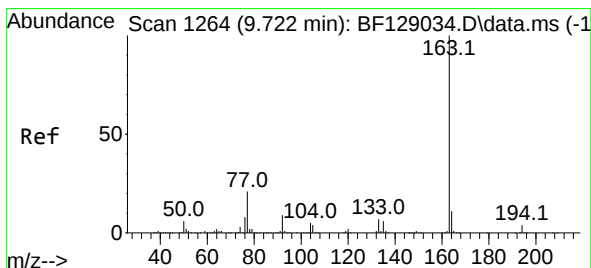
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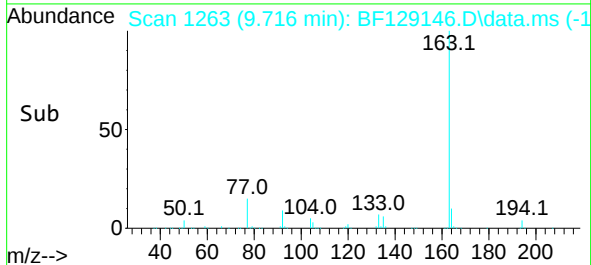
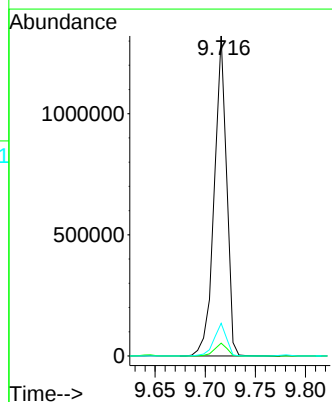
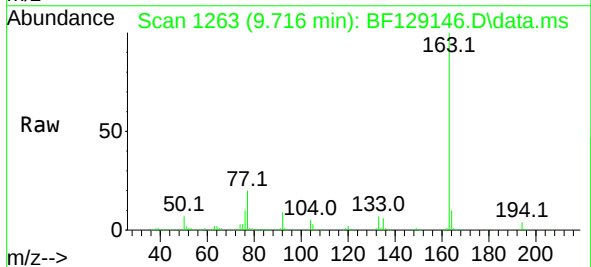
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Supervised By :Jagrut
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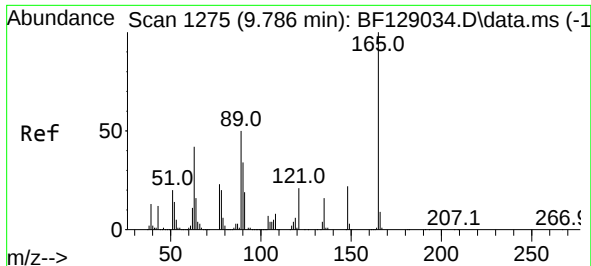
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#50
Dimethylphthalate
Concen: 44.784 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

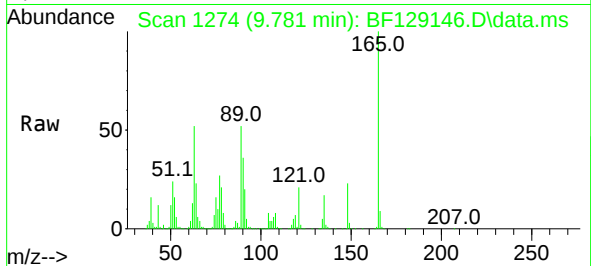
Tgt Ion:163 Resp: 1130760
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.442 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

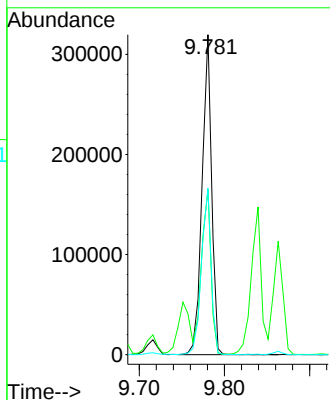
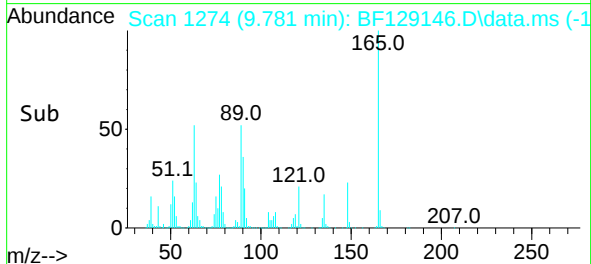
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:165 Resp: 249934
Ion Ratio Lower Upper
165 100
63 51.6 44.9 67.3
89 52.0 43.6 65.4

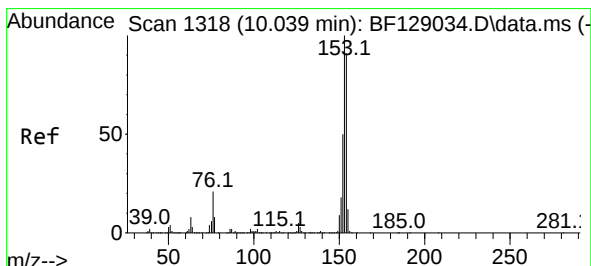
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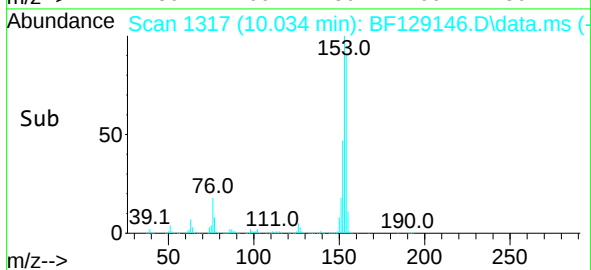
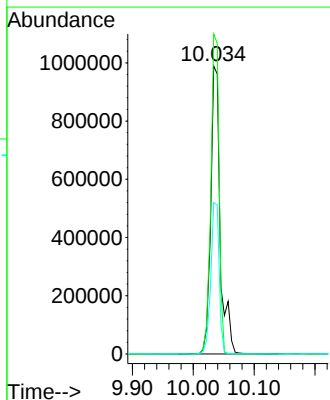
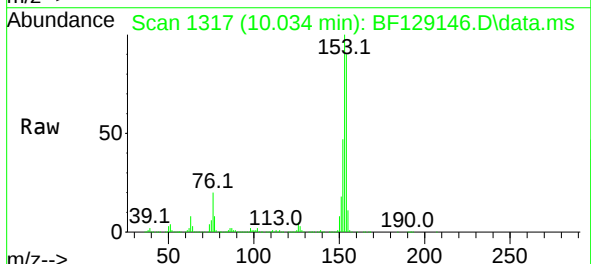
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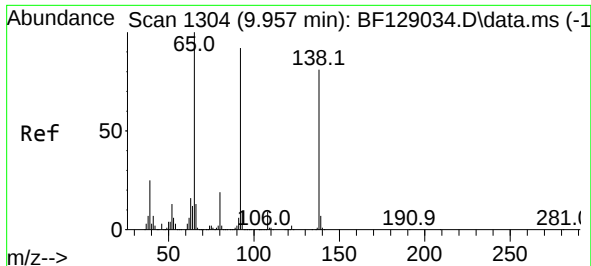
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#52
Acenaphthene
Concen: 48.699 ng
RT: 10.034 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

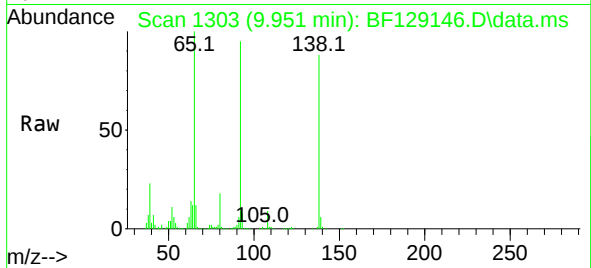
Tgt Ion:154 Resp: 1080032
Ion Ratio Lower Upper
154 100
153 111.2 89.6 134.4
152 52.6 42.4 63.6





#53
3-Nitroaniline
Concen: 31.239 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

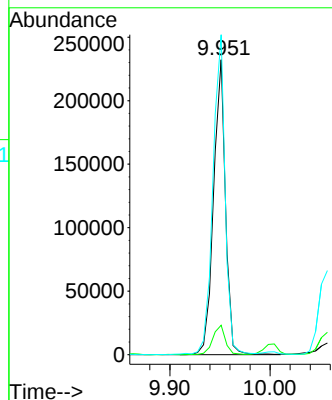
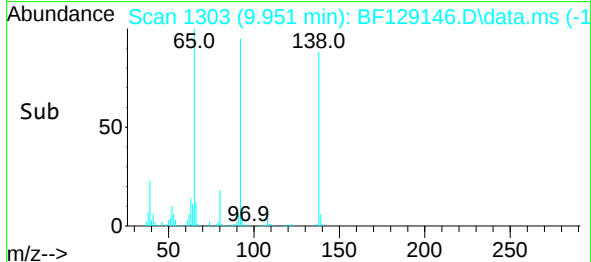
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:138 Resp: 192207
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3#
92 108.5 98.2 147.2

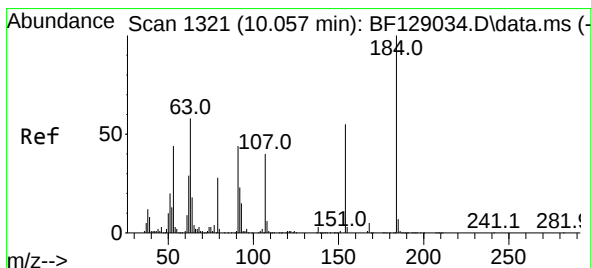
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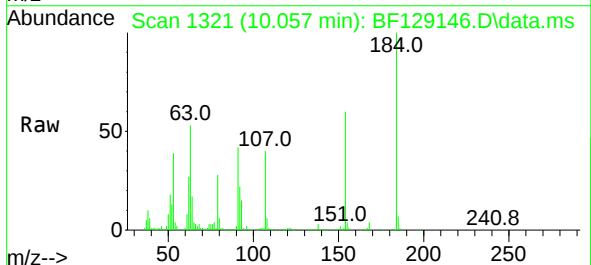


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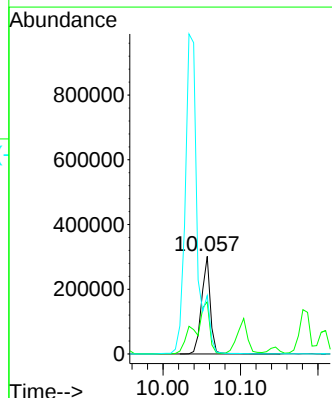
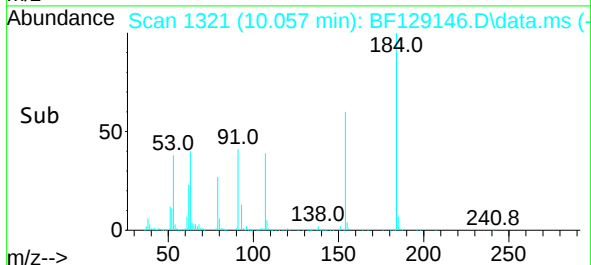
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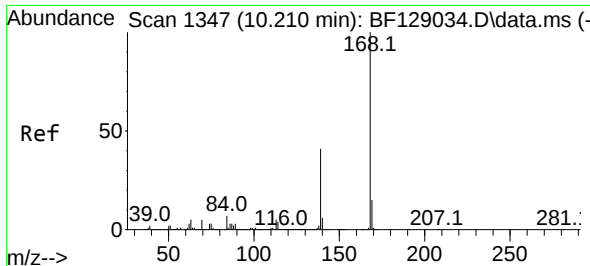


#54
2,4-Dinitrophenol
Concen: 84.207 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



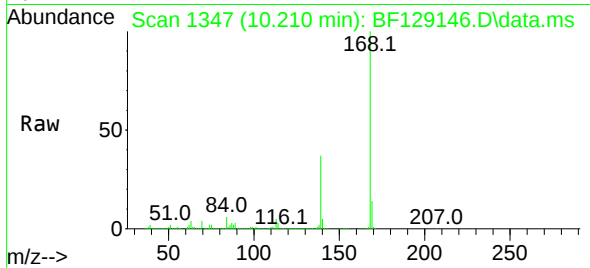
Tgt Ion:184 Resp: 236054
Ion Ratio Lower Upper
184 100
63 53.4 64.5 96.7#
154 59.9 50.6 75.8





#55
Dibenzenofuran
Concen: 43.200 ng
RT: 10.210 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

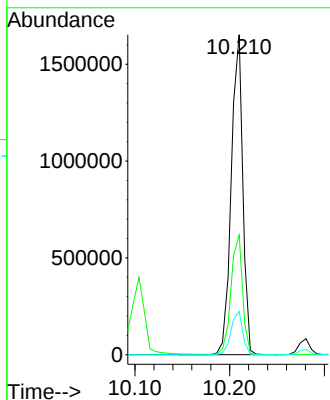
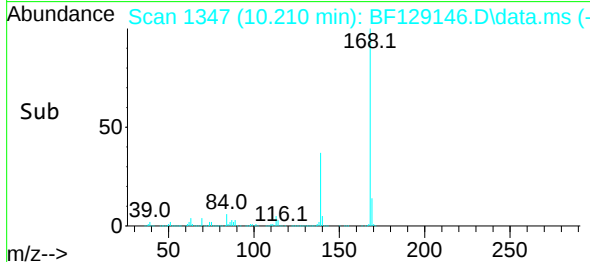
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:168 Resp: 1395078
Ion Ratio Lower Upper
168 100
139 37.4 30.6 46.0
169 13.5 11.0 16.6

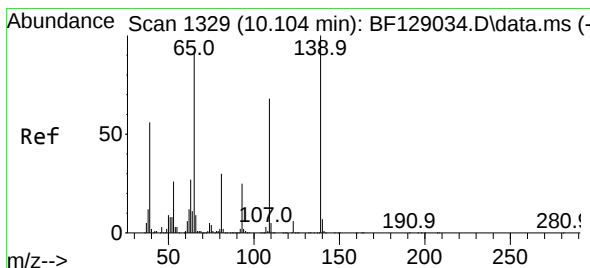
Manual Integrations
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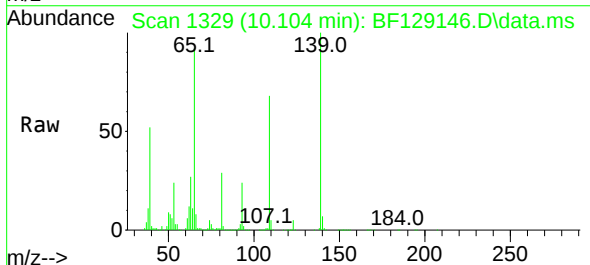


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Supervised By :Jagrut
Upadhyay

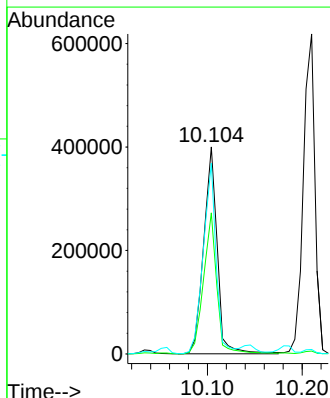
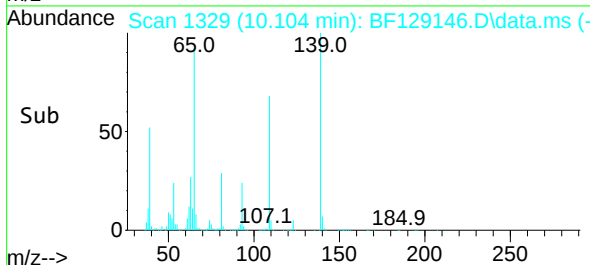
07/07/2022

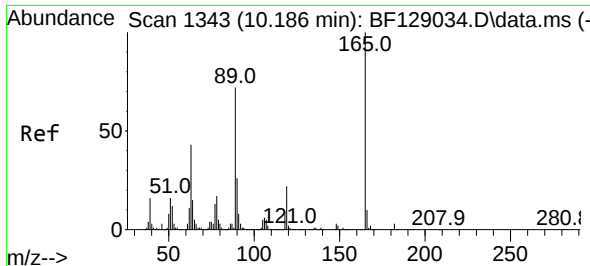


#56
4-Nitrophenol
Concen: 79.236 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



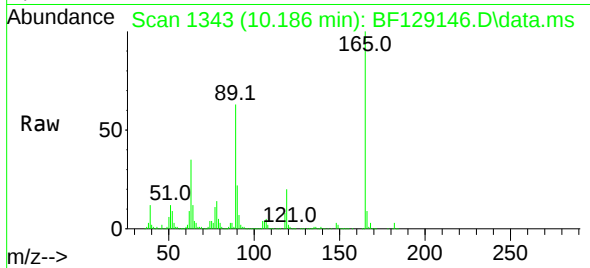
Tgt Ion:139 Resp: 398334
Ion Ratio Lower Upper
139 100
109 68.2 50.7 90.7
65 92.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 49.166 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

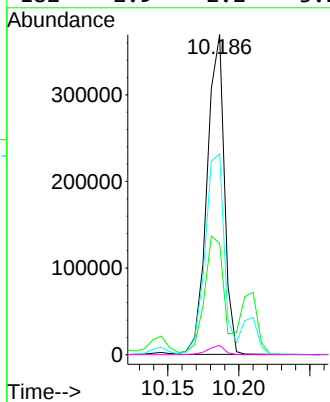
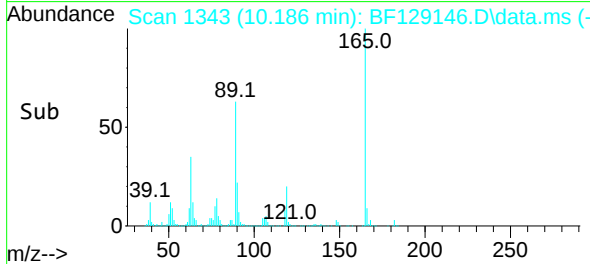
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:165 Resp: 31316
Ion Ratio Lower Upper
165 100
63 34.8 39.8 59.6
89 62.8 60.2 90.2
182 2.9 2.2 3.2

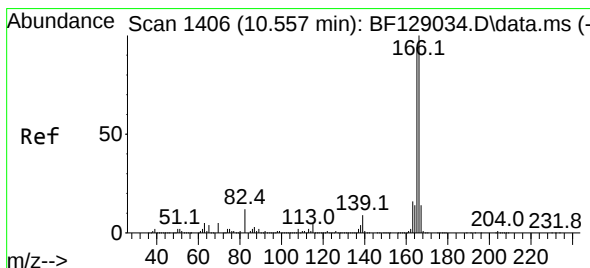
Manual Integrations
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Giraldo



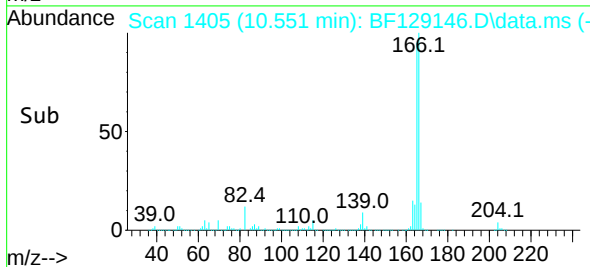
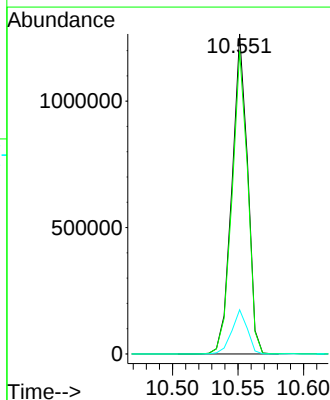
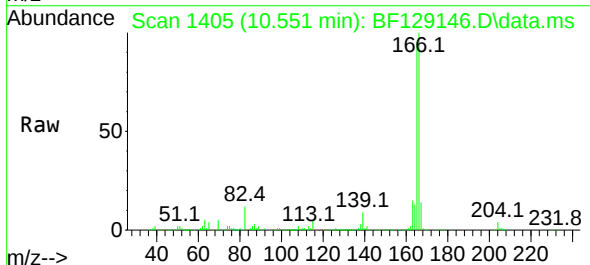
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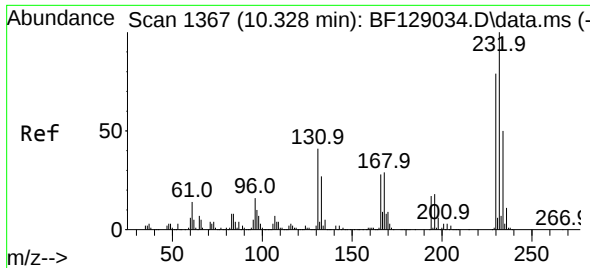
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#58
Fluorene
Concen: 42.063 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

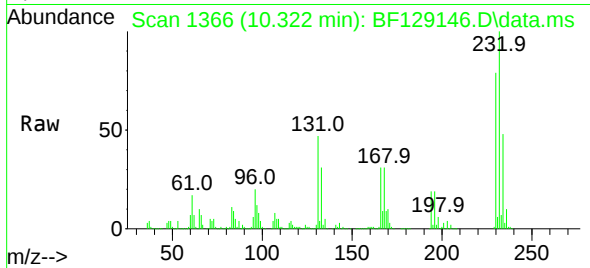
Tgt Ion:166 Resp: 1050707
Ion Ratio Lower Upper
166 100
165 94.7 78.1 117.1
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.369 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

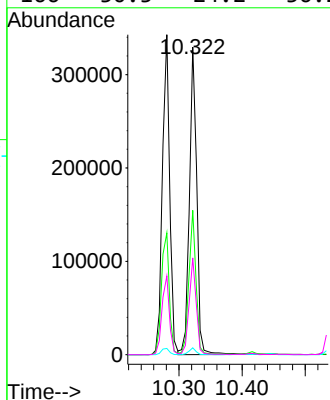
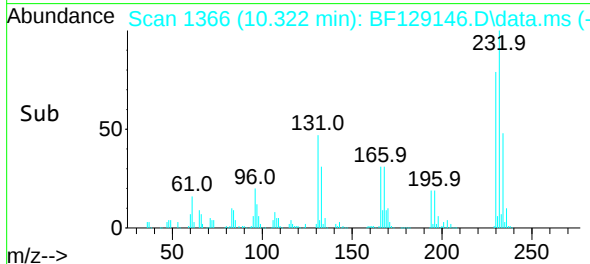
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:232 Resp: 268071
Ion Ratio Lower Upper
232 100
131 44.9 36.1 54.1
130 2.1 1.8 2.8
166 30.3 24.2 36.2

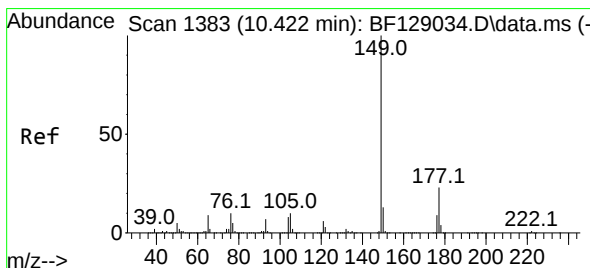
Manual Integrations
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Reviewed By :Christian
Giraldo



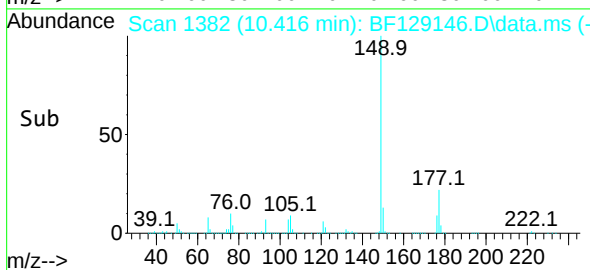
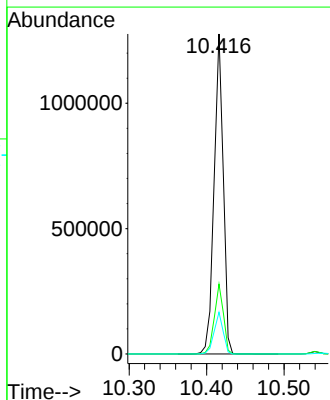
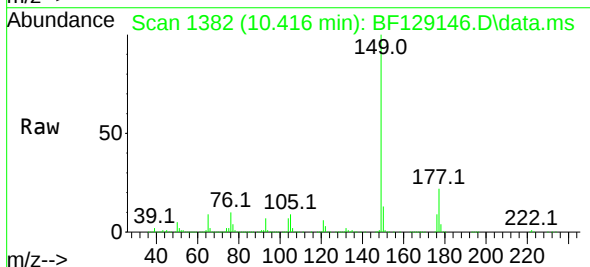
07/07/2022
Supervised By :Jagrut
Upadhyay

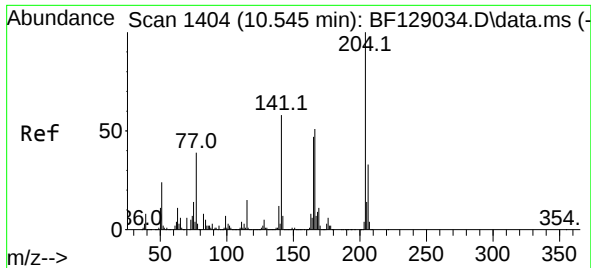
07/07/2022



#60
Diethylphthalate
Concen: 41.440 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

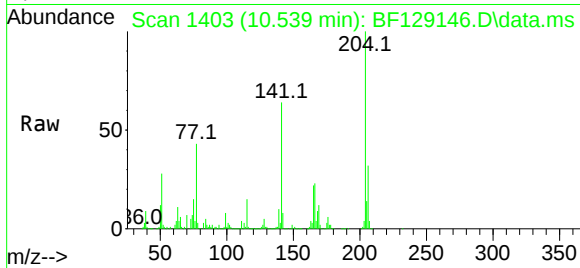
Tgt Ion:149 Resp: 1048435
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.887 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

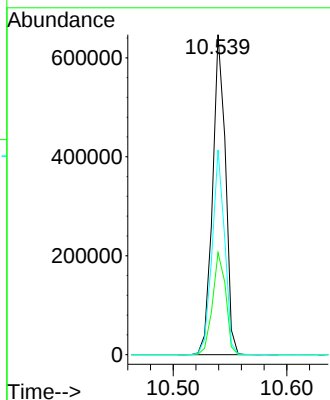
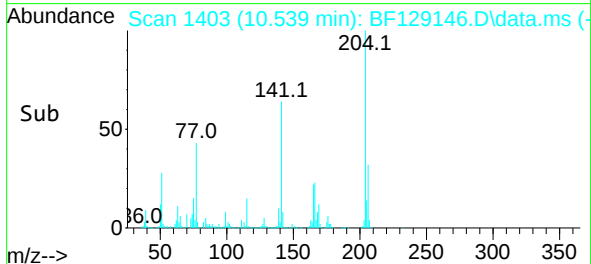
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:204 Resp: 50887
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.6
141 64.0 47.0 70.4

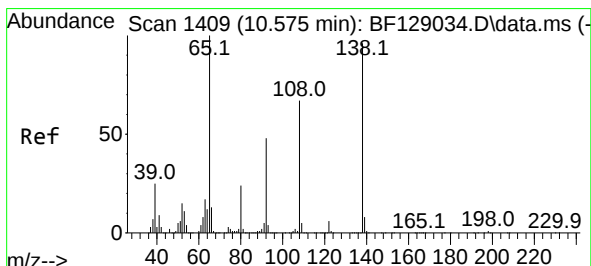
Manual Integrations
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Reviewed By :Christian
Giraldo



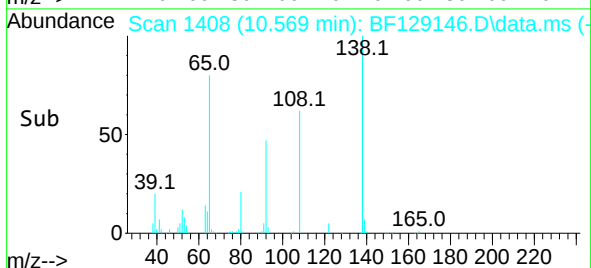
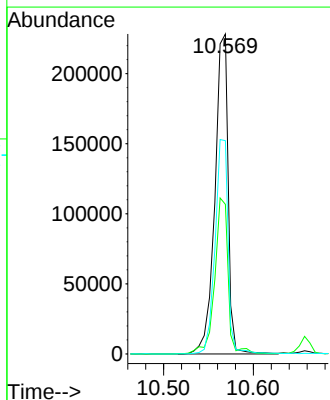
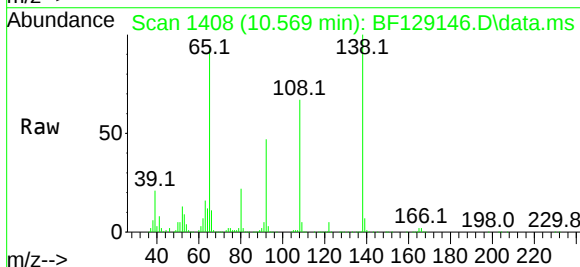
07/07/2022
Supervised By :Jagrut
Upadhyay

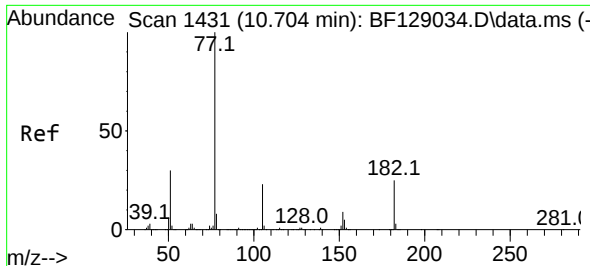
07/07/2022



#62
4-Nitroaniline
Concen: 38.495 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

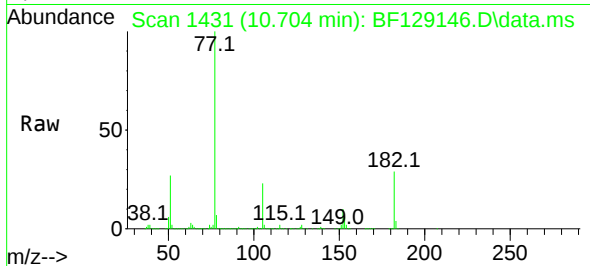
Tgt Ion:138 Resp: 234865
Ion Ratio Lower Upper
138 100
92 46.7 33.5 73.5
108 66.6 61.0 101.0





#63
Azobenzene
Concen: 39.789 ng
RT: 10.704 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

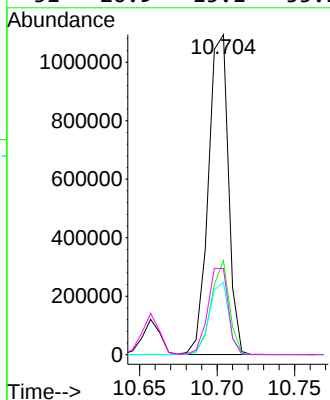
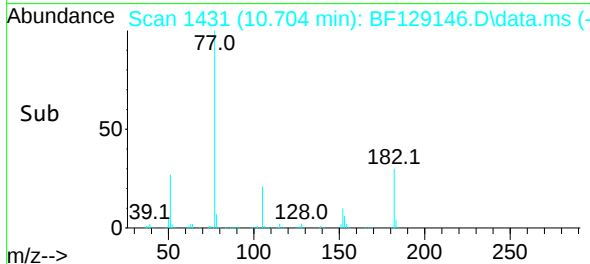
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion: 77 Resp: 986293
Ion Ratio Lower Upper
77 100
182 29.3 5.6 45.6
105 22.6 1.6 41.6
51 26.9 15.1 55.1

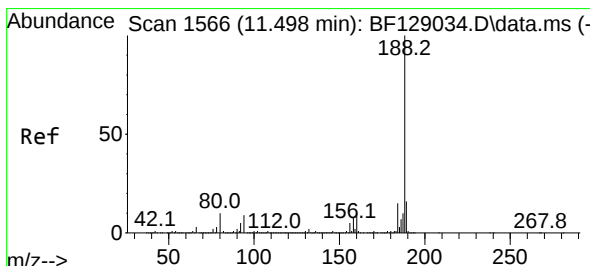
Manual Integrations
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Giraldo



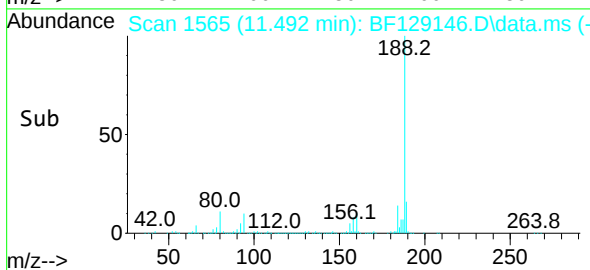
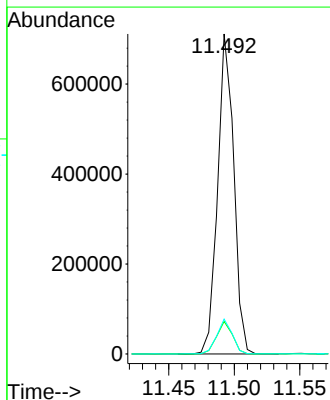
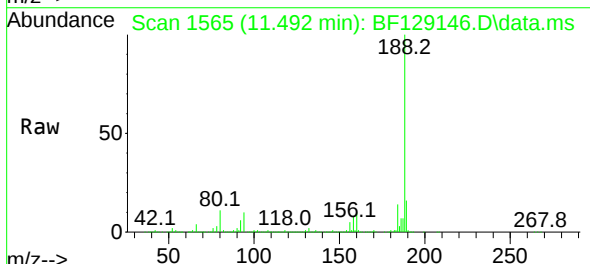
07/07/2022
Supervised By :Jagrut
Upadhyay

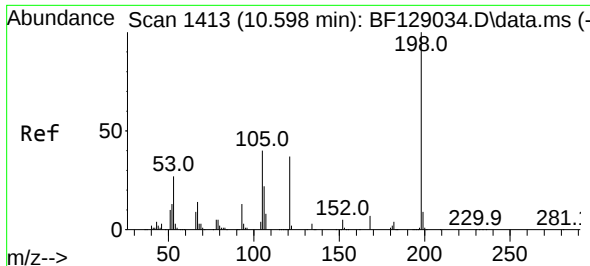
07/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

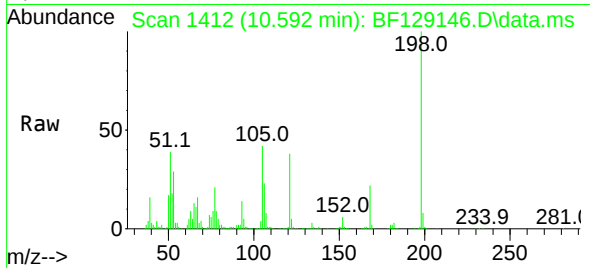
Tgt Ion:188 Resp: 606714
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.458 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

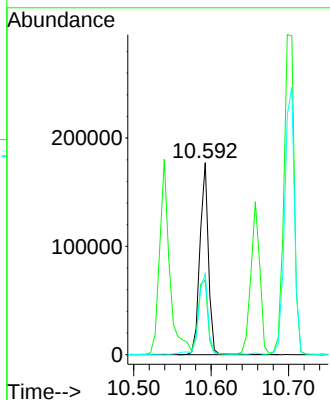
Instrument :
BNA_F
Client Sample Id :
C-1MSD



Tgt Ion:198 Resp: 135438
Ion Ratio Lower Upper
198 100
51 38.7 37.6 77.6
105 42.1 27.0 67.0

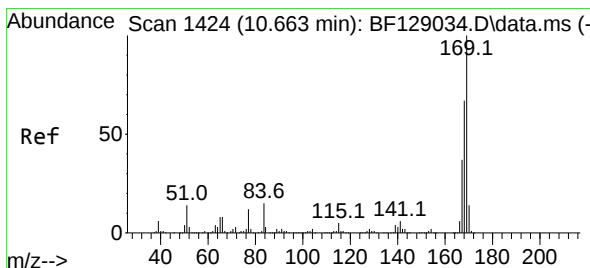
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Reviewed By :Christian
Giraldo



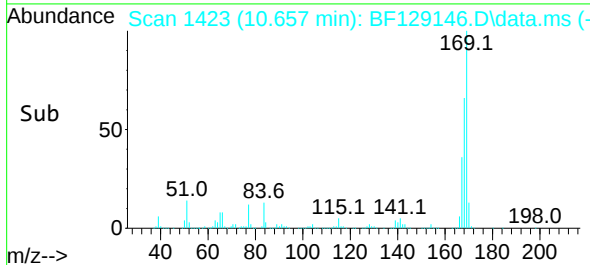
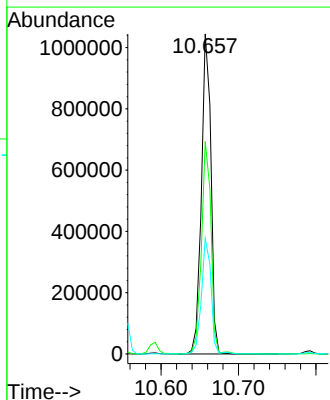
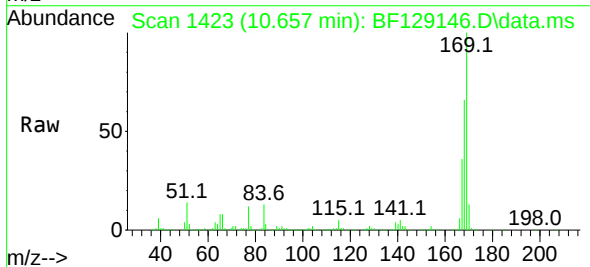
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Upadhyay

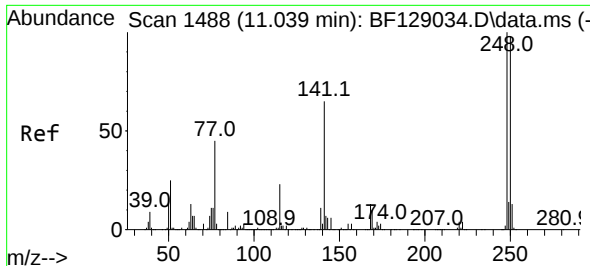
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#66
n-Nitrosodiphenylamine
Concen: 48.271 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

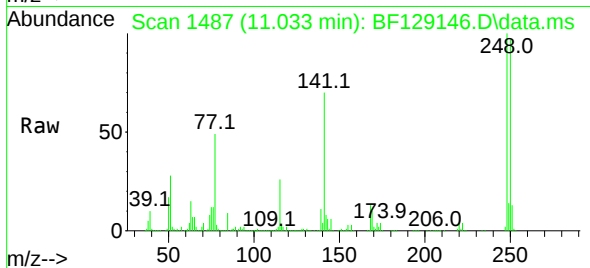
Tgt Ion:169 Resp: 889443
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 36.1 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.016 ng
RT: 11.033 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

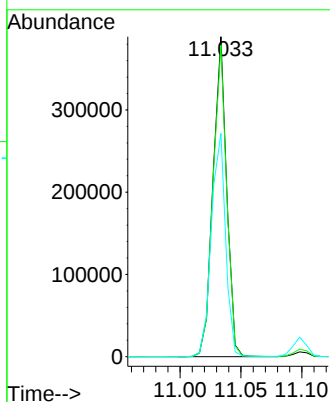
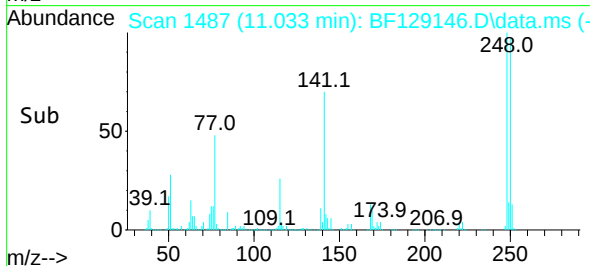
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:248 Resp: 303435
Ion Ratio Lower Upper
248 100
250 97.3 80.6 120.8
141 69.8 58.9 88.3

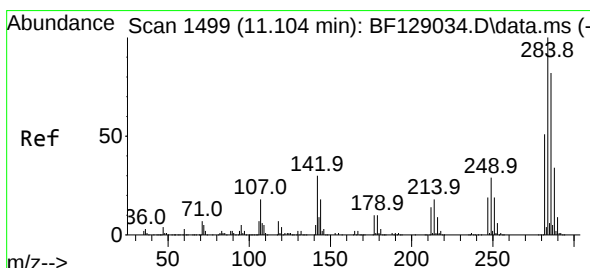
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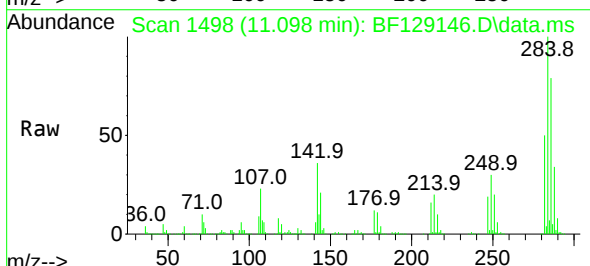


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Supervised By :Jagrut
Upadhyay

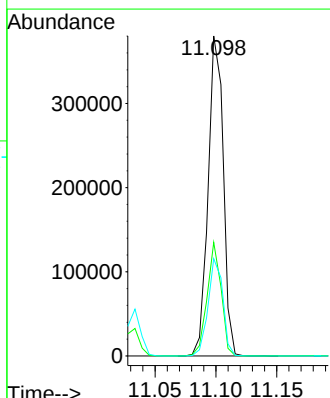
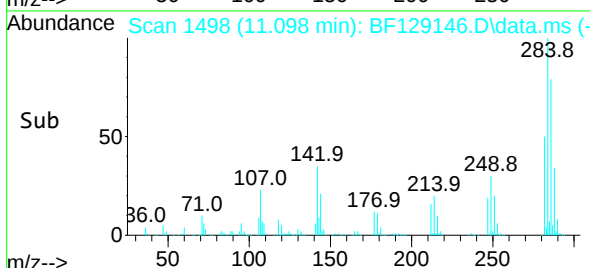
07/07/2022

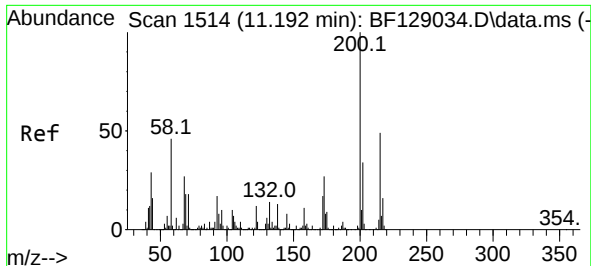


#68
Hexachlorobenzene
Concen: 45.852 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



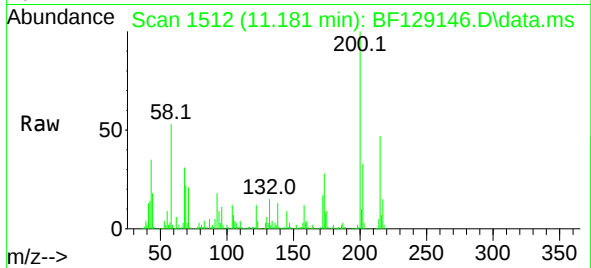
Tgt Ion:284 Resp: 329513
Ion Ratio Lower Upper
284 100
142 35.5 29.0 43.4
249 30.4 25.0 37.6





#69
Atrazine
Concen: 50.139 ng
RT: 11.181 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

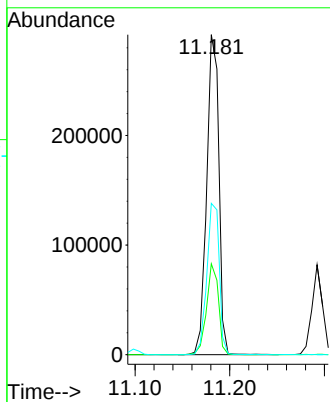
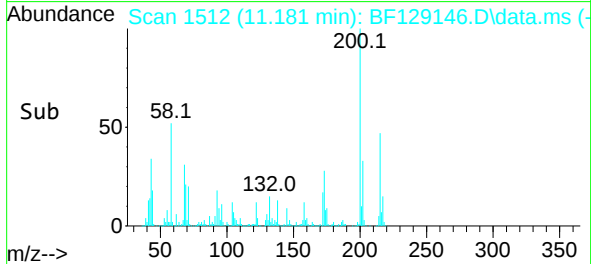
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:200 Resp: 259970
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 47.3 28.3 68.3

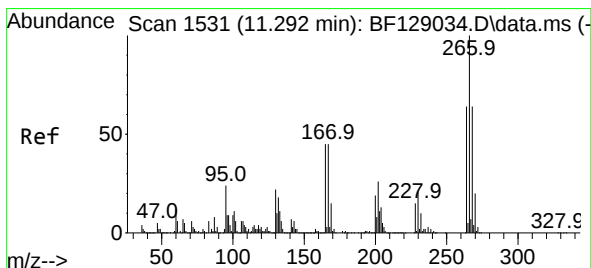
Manual Integrations
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Reviewed By :Christian
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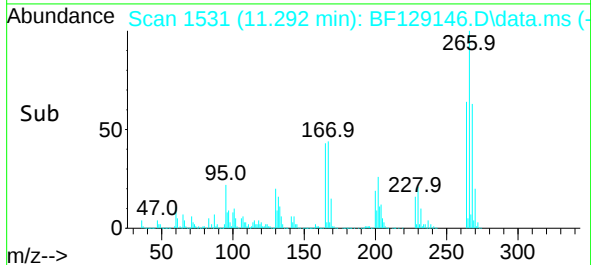
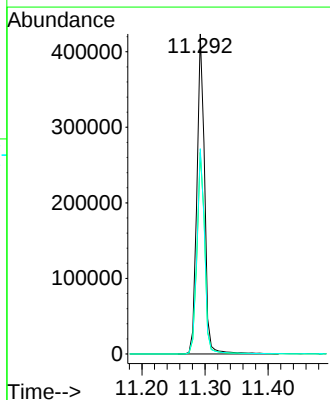
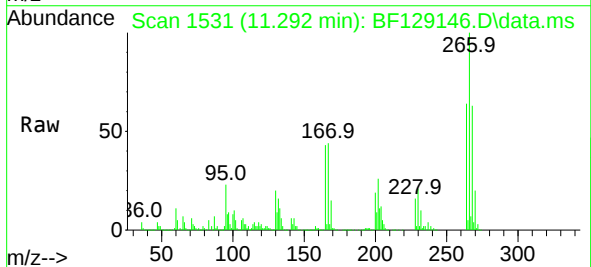
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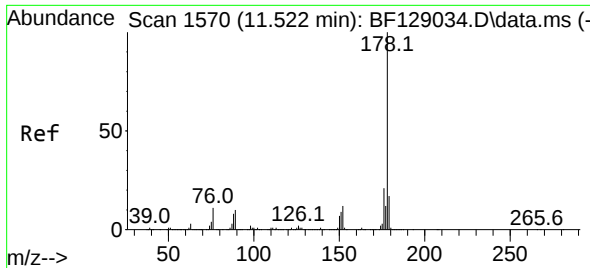
07/07/2022



#70
Pentachlorophenol
Concen: 83.535 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

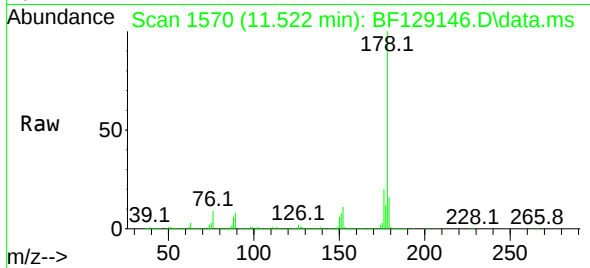
Tgt Ion:266 Resp: 357562
Ion Ratio Lower Upper
266 100
268 63.0 51.0 76.4
264 64.1 49.4 74.2





#71
Phenanthrene
Concen: 46.040 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

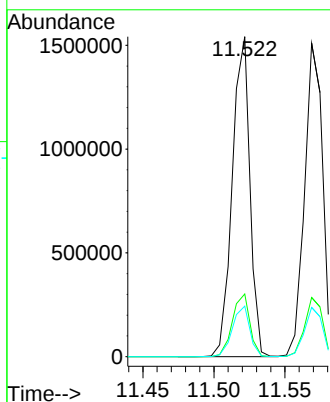
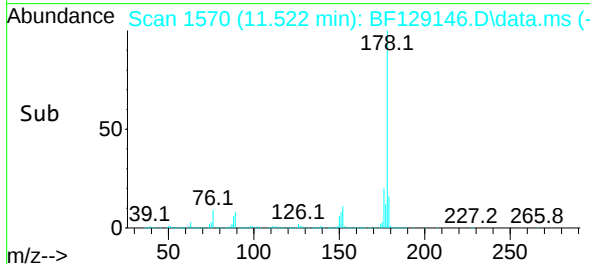
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:178 Resp: 133464
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.8 12.6 19.0

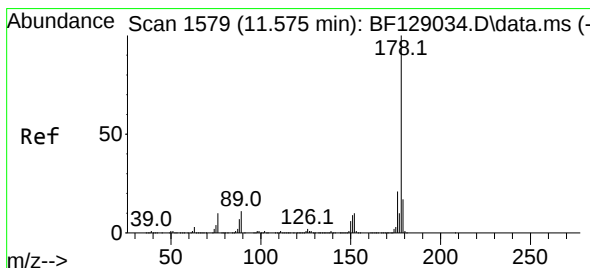
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



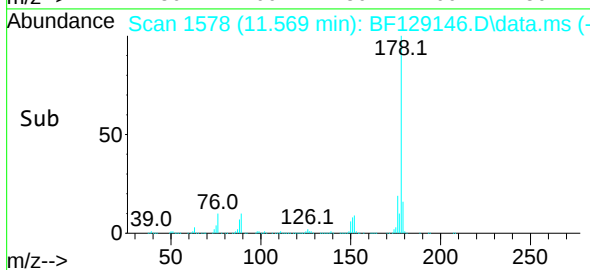
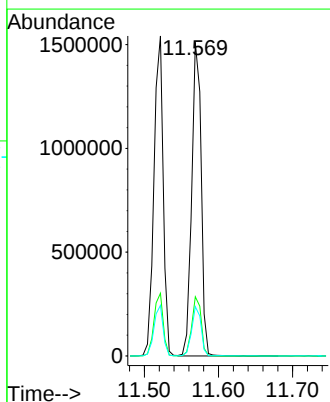
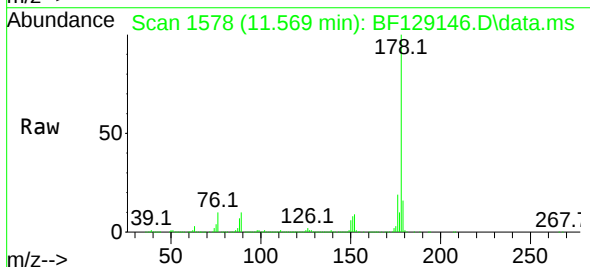
07/07/2022
Supervised By :Jagrut
Upadhyay

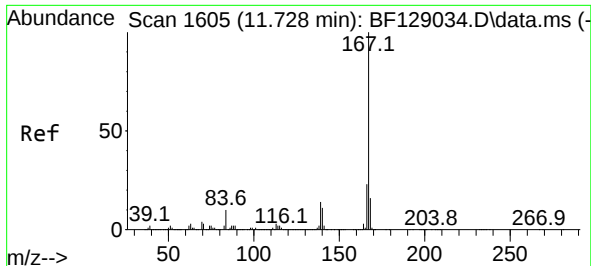
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#72
Anthracene
Concen: 46.608 ng
RT: 11.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

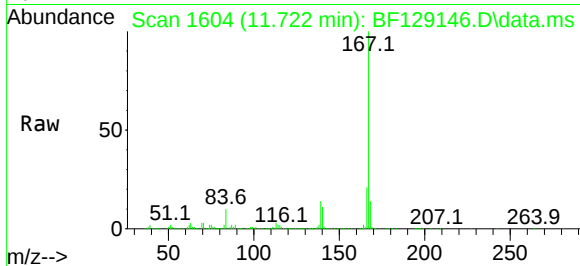
Tgt Ion:178 Resp: 1332112
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 41.484 ng
 RT: 11.722 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF129146.D
 Acq: 06 Jul 2022 16:53

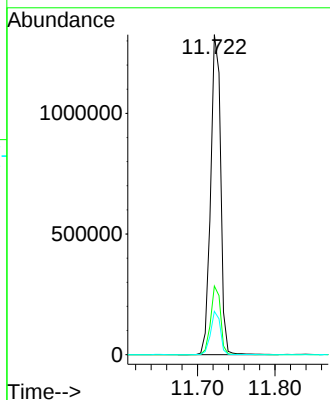
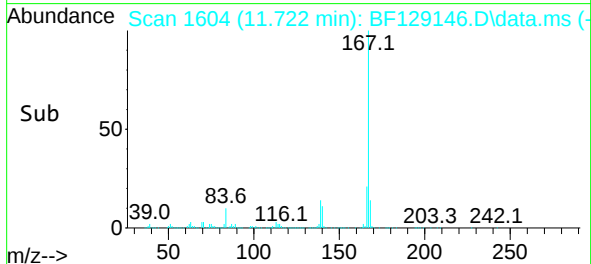
Instrument :
 BNA_F
 ClientSampleId :
 C-1MSD



Tgt Ion:167 Resp: 1188064
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.6 11.2 16.8

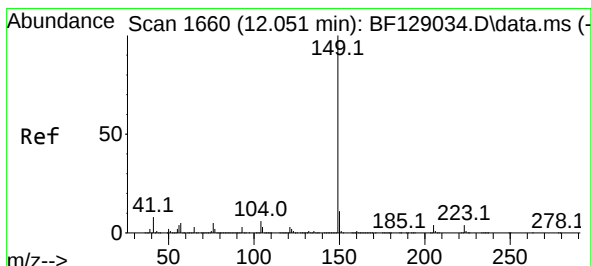
Manual Integrations
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Reviewed By :Christian
 Giraldo

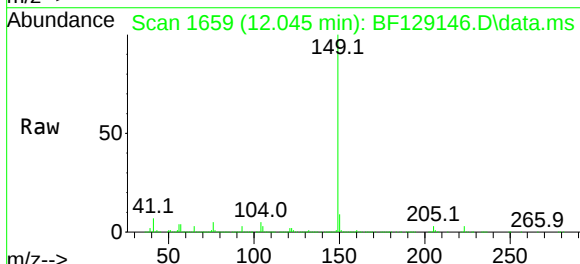


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 Supervised By :Jagrut
 Upadhyay

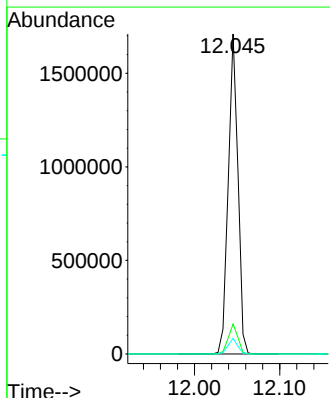
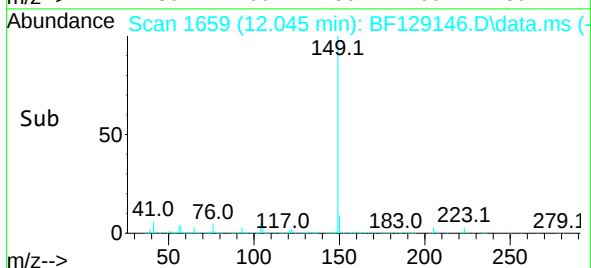
07/07/2022

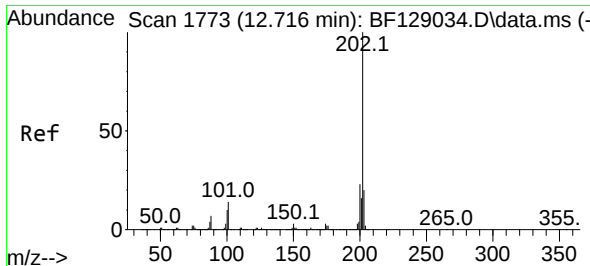


#74
 Di-n-butylphthalate
 Concen: 44.547 ng
 RT: 12.045 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: BF129146.D
 Acq: 06 Jul 2022 16:53



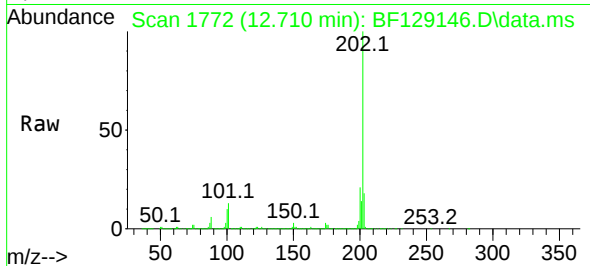
Tgt Ion:149 Resp: 1345139
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 45.942 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

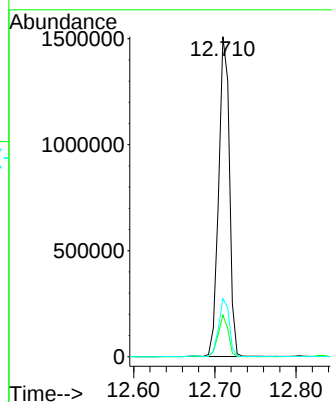
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:202 Resp: 139281
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 18.2 0.0 38.0

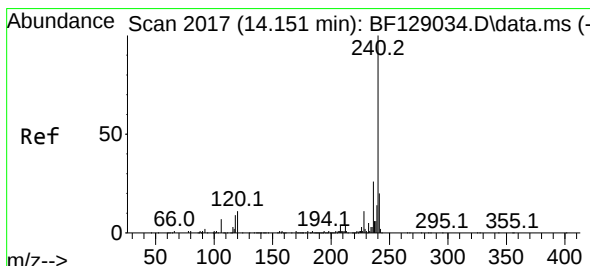
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Reviewed By :Christian
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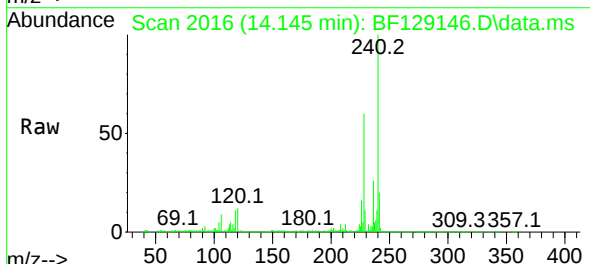


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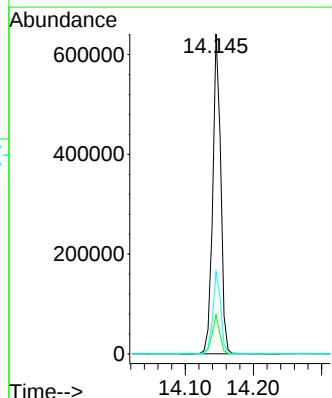
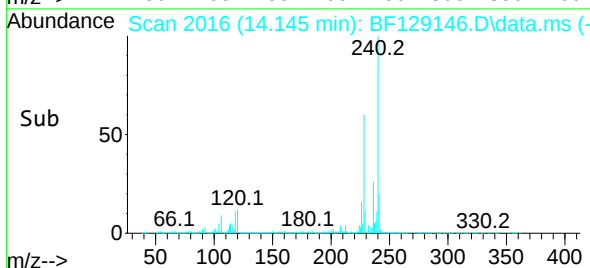
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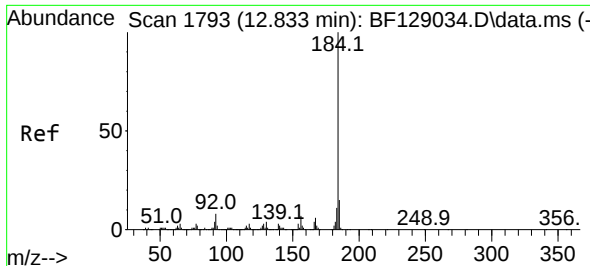


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



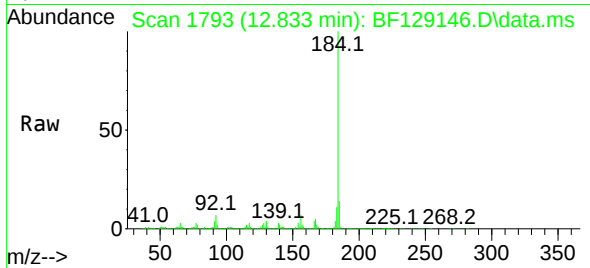
Tgt Ion:240 Resp: 522560
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.7 20.8 31.2





#77
Benzidine
Concen: 76.701 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

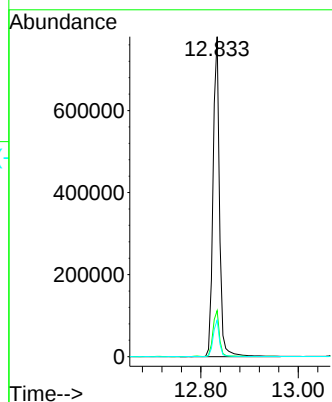
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:184 Resp: 713694
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.5 9.3 13.9

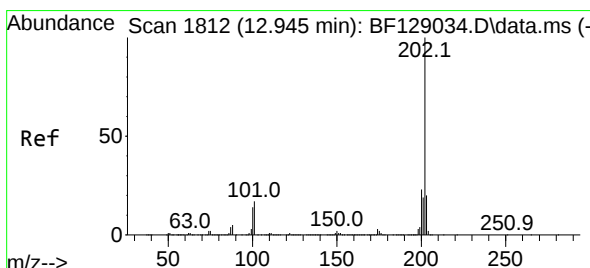
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APPROVED

Reviewed By :Christian
Giraldo



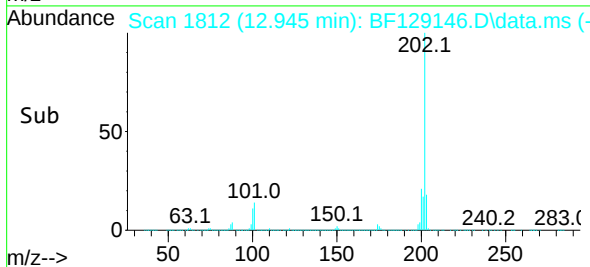
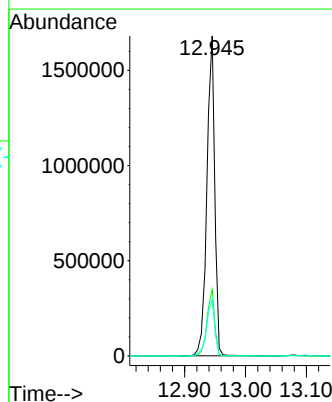
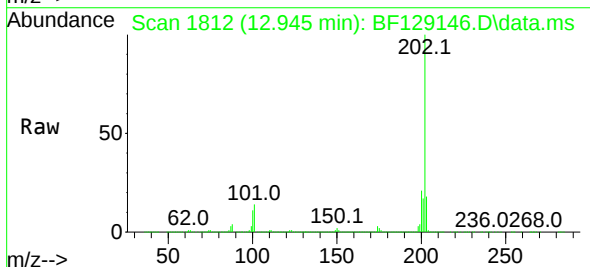
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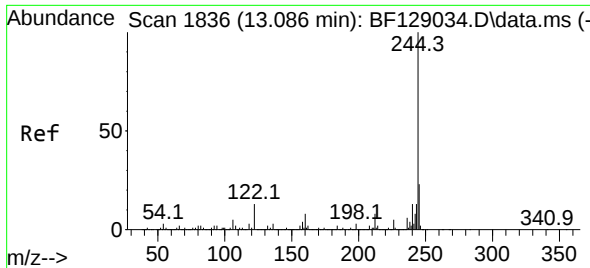
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#78
Pyrene
Concen: 41.370 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

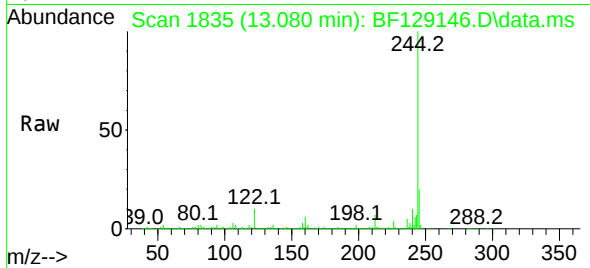
Tgt Ion:202 Resp: 1498496
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 42.353 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129146.D
 Acq: 06 Jul 2022 16:53

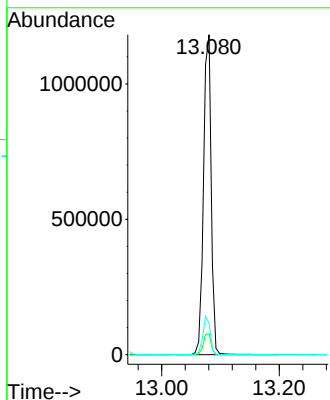
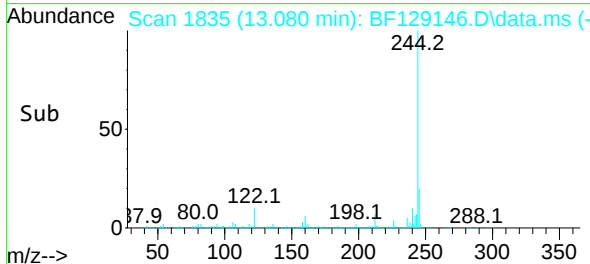
Instrument :
 BNA_F
 ClientSampleId :
 C-1MSD



Tgt Ion:244 Resp: 1065774
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 9.9 8.8 13.2

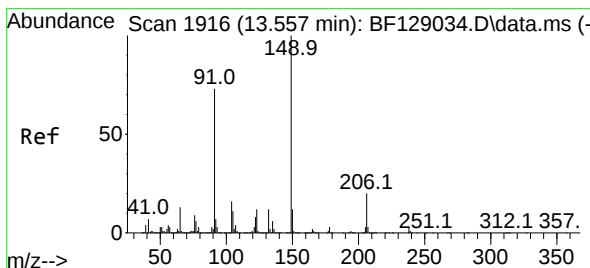
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Reviewed By :Christian
 Giraldo



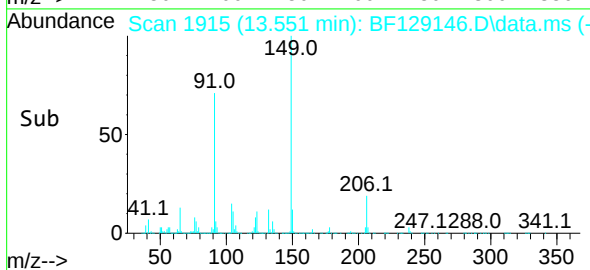
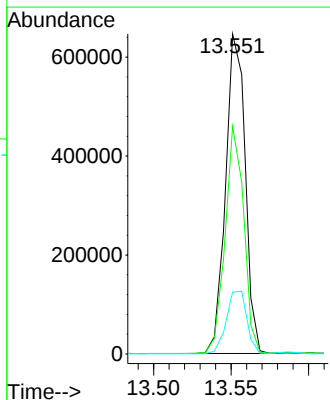
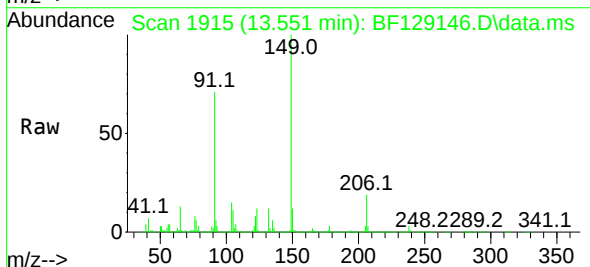
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 Supervised By :Jagrut
 Upadhyay

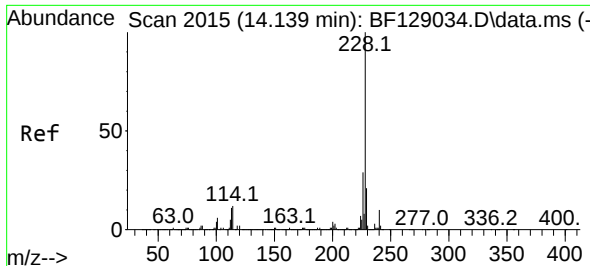
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#80
 Butylbenzylphthalate
 Concen: 38.521 ng
 RT: 13.551 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF129146.D
 Acq: 06 Jul 2022 16:53

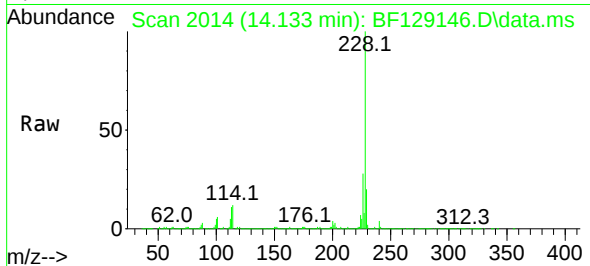
Tgt Ion:149 Resp: 568415
 Ion Ratio Lower Upper
 149 100
 91 71.1 61.2 91.8
 206 19.3 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.147 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

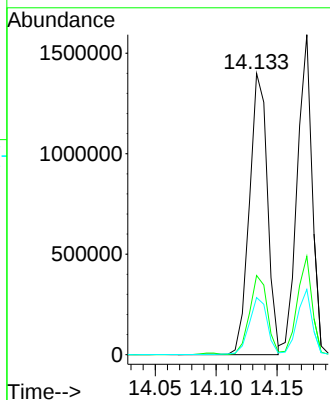
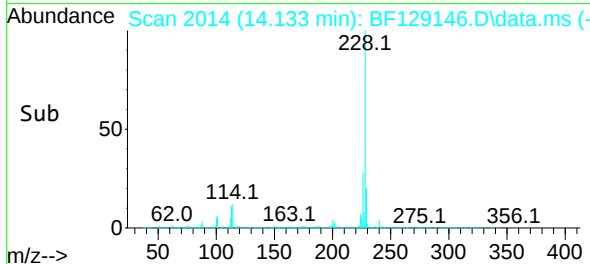
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:228 Resp: 1440498
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 20.3 15.8 23.8

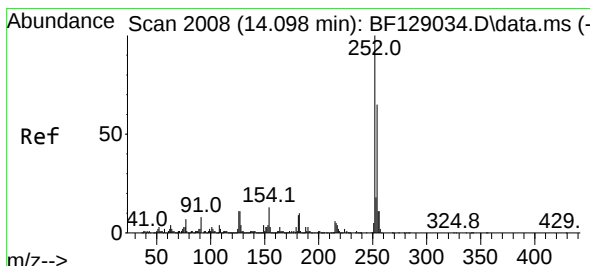
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Giraldo



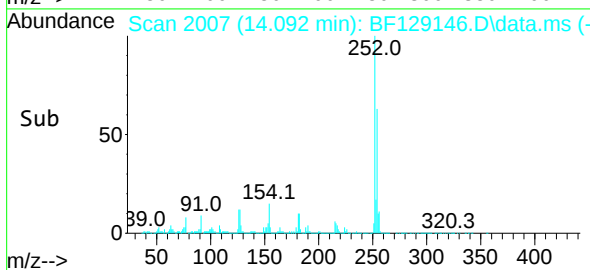
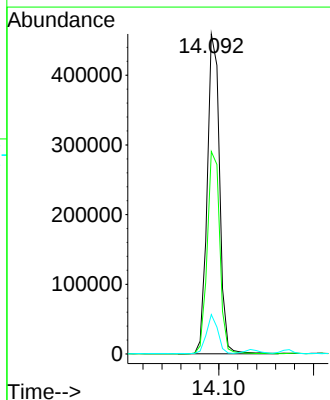
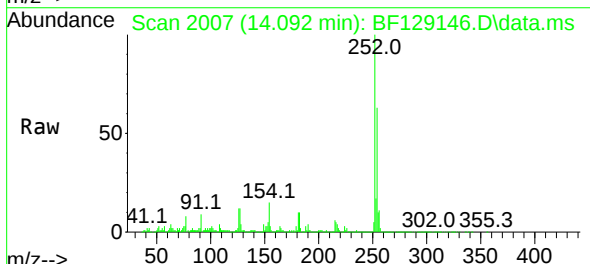
07/07/2022
Supervised By :Jagrut
Upadhyay

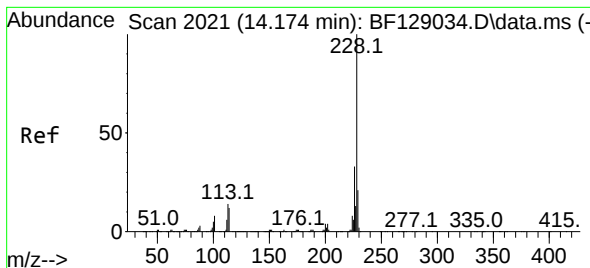
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#82
3,3'-Dichlorobenzidine
Concen: 60.151 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

Tgt Ion:252 Resp: 414695
Ion Ratio Lower Upper
252 100
254 63.3 50.2 75.4
126 12.3 8.2 12.4





#83

Chrysene

Concen: 45.555 ng

RT: 14.174 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

Instrument :

BNA_F

ClientSampleId :

C-1MSD

Tgt Ion:228 Resp: 1349370

Ion Ratio Lower Upper

228 100

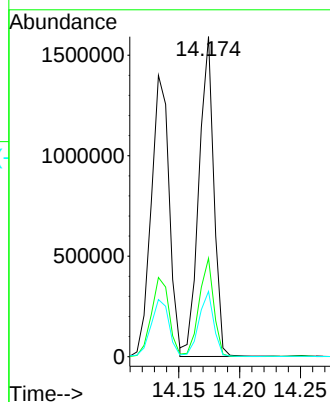
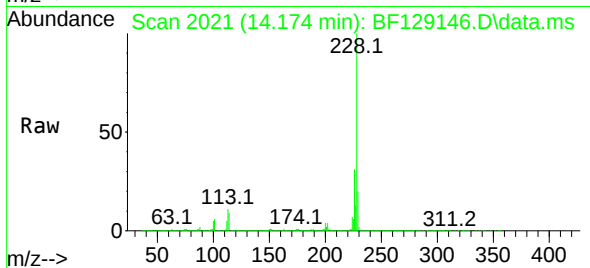
226 30.8 24.3 36.5

229 20.4 15.9 23.9

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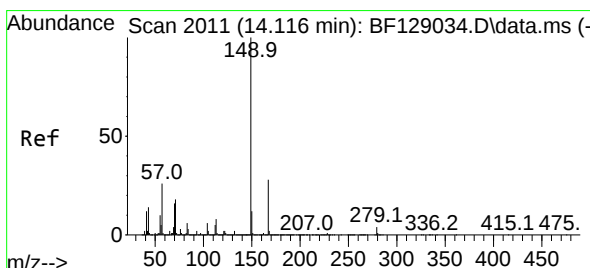
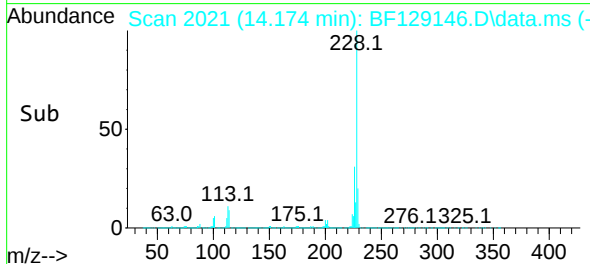
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Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.590 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129146.D

Acq: 06 Jul 2022 16:53

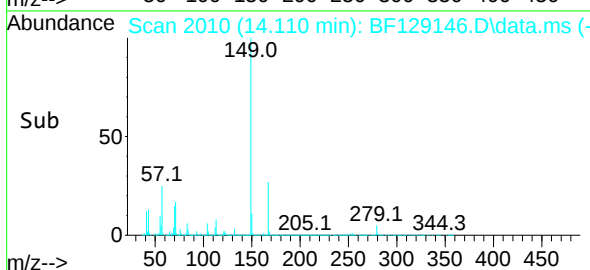
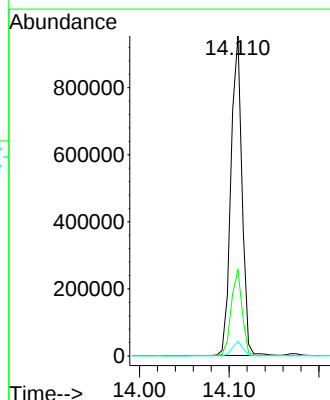
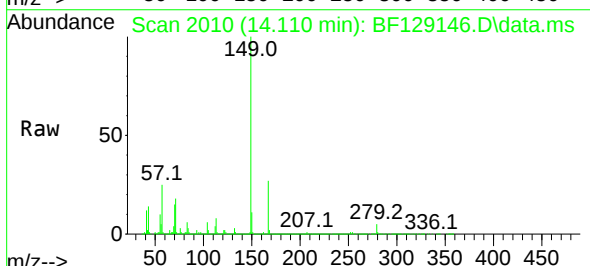
Tgt Ion:149 Resp: 815613

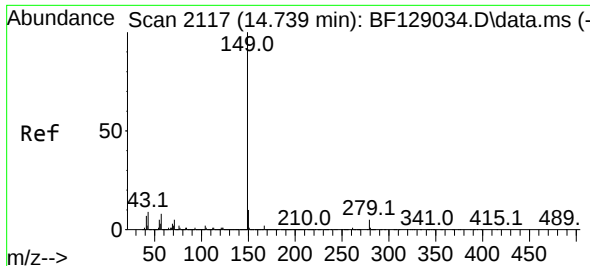
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

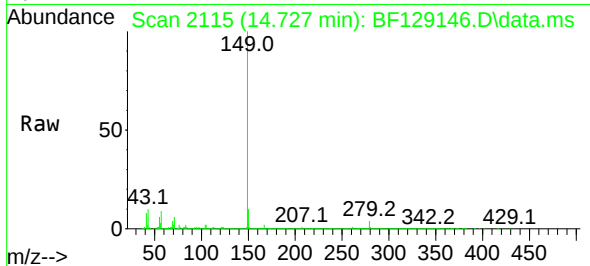
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.934 ng
RT: 14.727 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

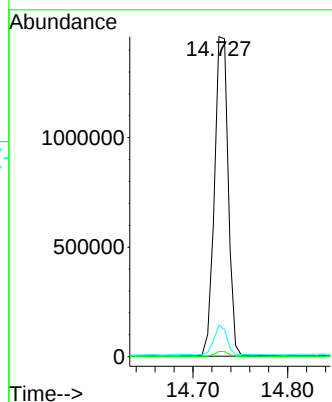
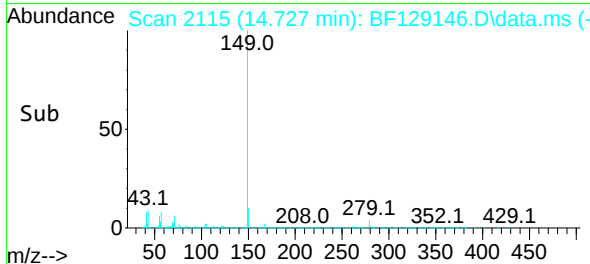
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:149 Resp: 147451
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.7 9.2 13.8

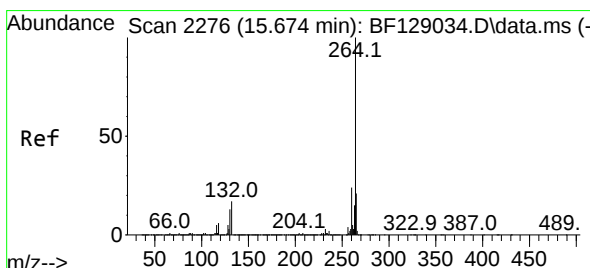
Manual Integrations
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Giraldo



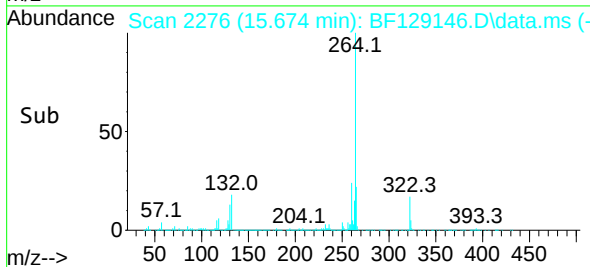
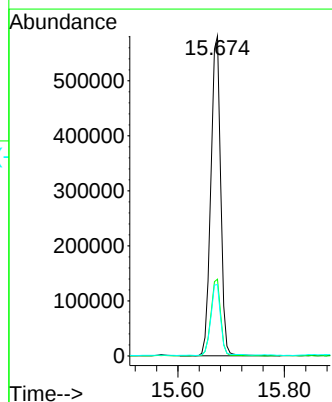
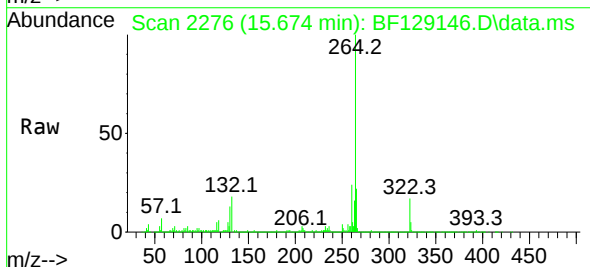
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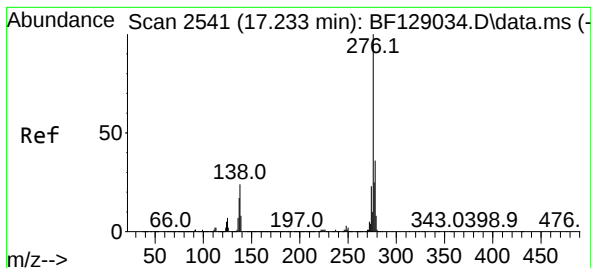
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

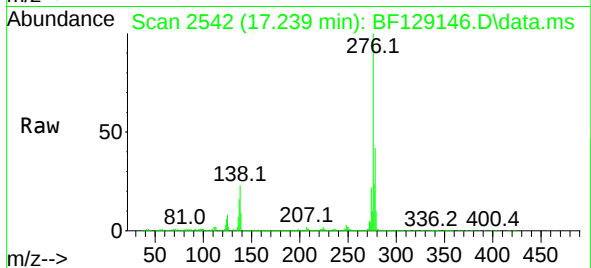
Tgt Ion:264 Resp: 740882
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.664 ng
RT: 17.239 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

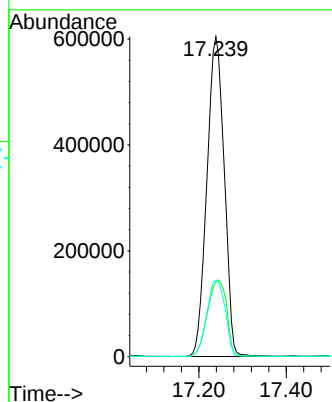
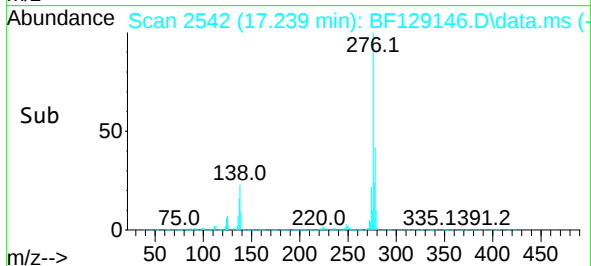
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:276 Resp: 166600
Ion Ratio Lower Upper
276 100
138 26.3 21.1 31.7
277 25.3 20.3 30.5

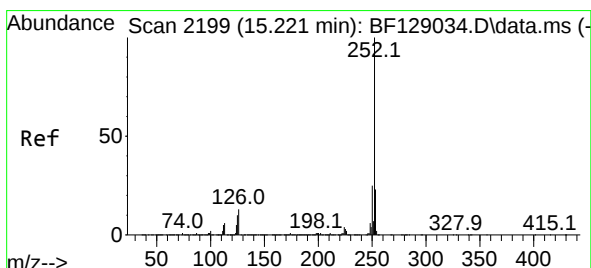
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Giraldo

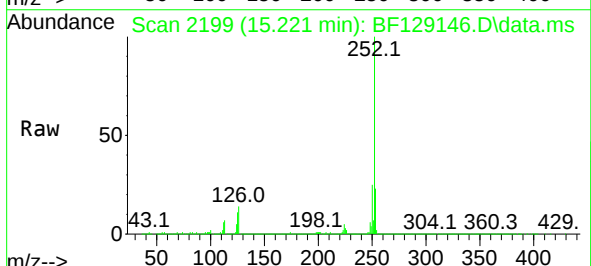


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Upadhyay

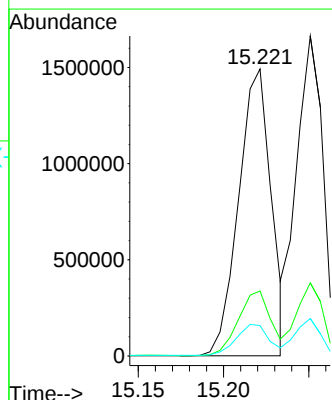
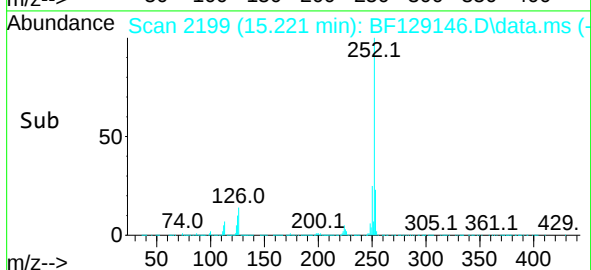
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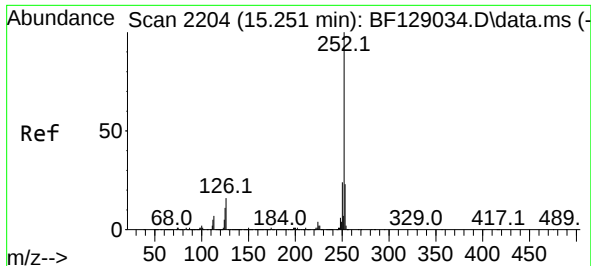


#88
Benzo(b)fluoranthene
Concen: 44.388 ng
RT: 15.221 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



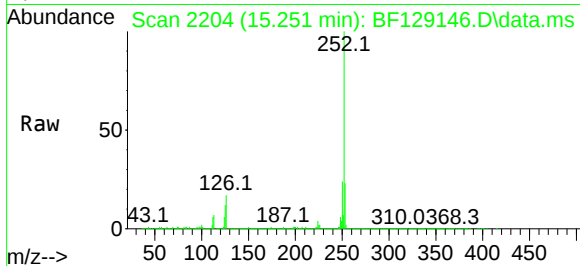
Tgt Ion:252 Resp: 1977778
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.6 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 41.698 ng
RT: 15.251 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

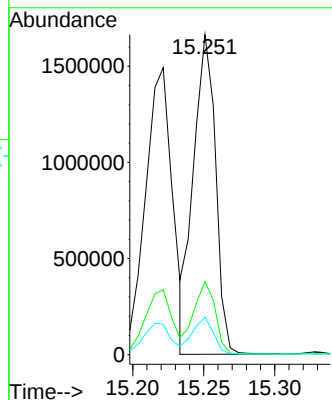
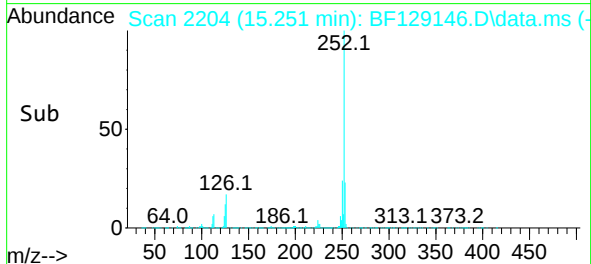
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:252 Resp: 1802034
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.7 8.3 12.5

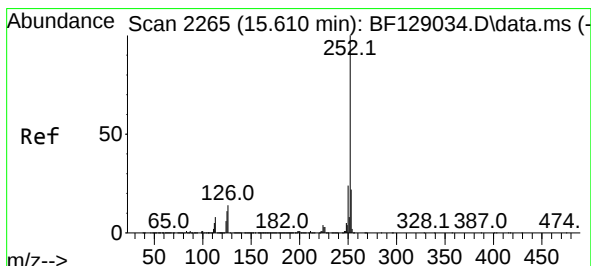
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Giraldo

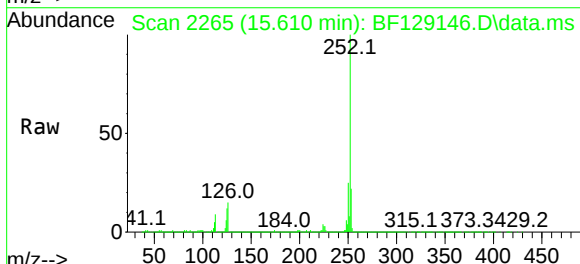


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Supervised By :Jagrut
Upadhyay

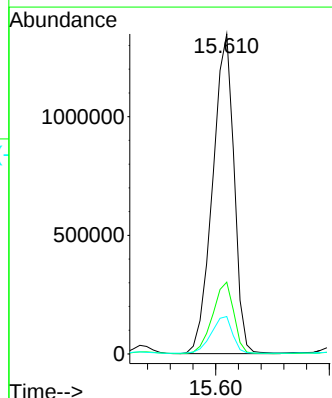
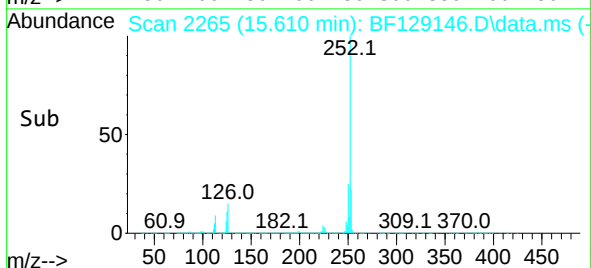
07/07/2022

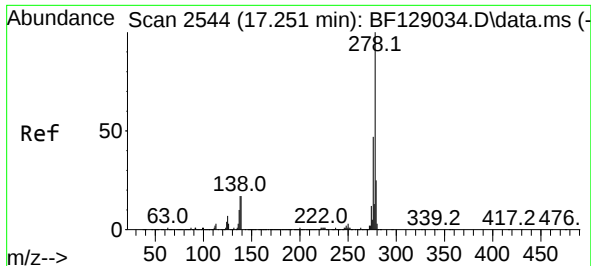


#90
Benzo(a)pyrene
Concen: 48.606 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53



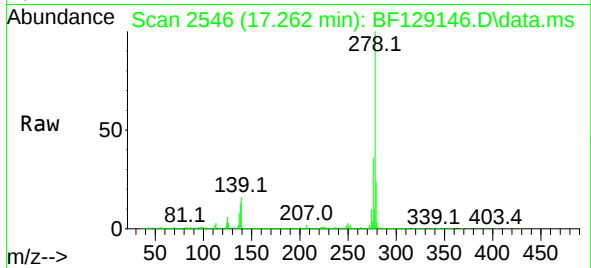
Tgt Ion:252 Resp: 1765495
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 38.205 ng
RT: 17.262 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

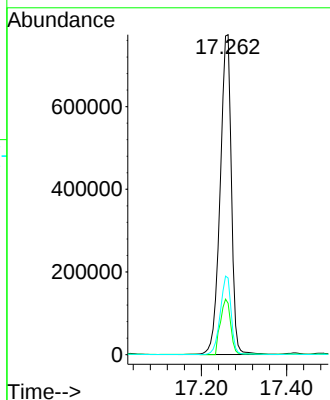
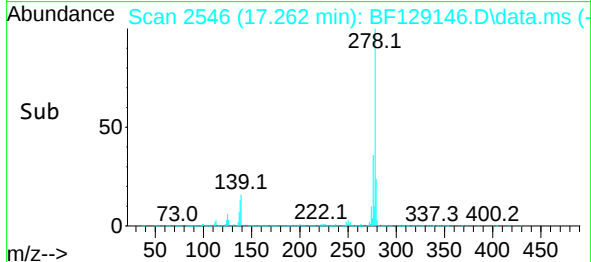
Instrument :
BNA_F
ClientSampleId :
C-1MSD



Tgt Ion:278 Resp: 1415189
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.9 18.6 28.0

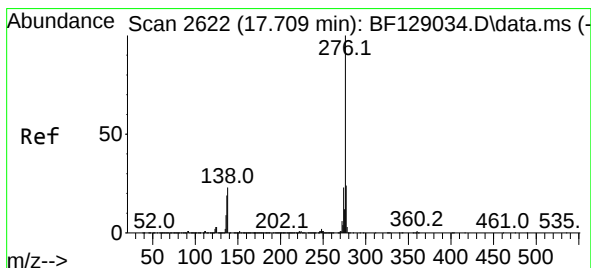
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



07/07/2022
Supervised By :Jagrut
Upadhyay

07/07/2022



#92
Benzo(g,h,i)perylene
Concen: 35.853 ng
RT: 17.715 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF129146.D
Acq: 06 Jul 2022 16:53

Tgt Ion:276 Resp: 1332432
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 22.5 18.0 27.0

